CITY OF IDAHO FALLS (PWS 7100039)
SOURCE WATER ASSESSMENT FINAL REPORT

February 12, 2002

State of Idaho
Department of Environmental Quality

Executive Summary

Under the Safe Drinking Water Act Amendments of 1996, all states are required by the U.S. Environmental Protection Agency to assess every source of public drinking water for its relative sensitivity to contaminants regulated by the act. This assessment is based on a land use inventory of the designated assessment area, sensitivity factors associated with the wells, and aquifer characteristics.

This report, *Source Water Assessment for the City of Idaho Falls*, describes the public drinking water system, the boundaries of the zones of water contribution, and the associated potential contaminant sources located within these boundaries. This assessment should be used as a planning tool, taken into account with local knowledge and concerns, to develop and implement appropriate protection measures for this source. **The results should not be used as an absolute measure of risk and they should not be used to undermine public confidence in the water system.**

The City of Idaho Falls drinking water system (PWS 7100039) consists of seventeen ground water sources. In July 1991, the inorganic contaminant (IOC) barium was detected in Wells #1 and #2 at levels above the Maximum Contaminant Level (MCL) of 2 mg/L. Since 1991, the levels have been below the MCL. Levels of the IOC nitrate are consistently below 3 mg/L. Thanks to having a chlorination system in place, the City of Idaho Falls' water system only has the occasional detection of total coliform bacteria in the distribution system. No synthetic organic contaminants (SOCs) or volatile organic contaminants (VOCs) have been detected in any of the sources.

Each of the delineation maps for the 17 city wells encompasses slightly different corridors that extend through the city limits and to the Snake River. Therefore, each source has a different number of potential contaminant sources (ranging between 30 and 310). The hydrologic sensitivity of the aquifer for Wells #1, #2, #3, #5, #9, #10, #11, #13, and #14 is high due to the fractured basalt, shallow ground water level, and lack of retarding layers between basalt flows. Wells #4, #6, #7, #8, #12, #15, #16, and #17 have a moderate hydrologic sensitivity because of sedimentary interbeds retarding downward movement of contaminants. The total susceptibility score depends on the hydrologic sensitivity (moderate to high for all wells), the potential land use assessment (high for all areas), and the system construction score, which varies with well log information. As such, Wells #4, #6, #7, #8, #9, #11, #12, #15, #16 and #17 rate moderate for all types of contaminants. All the other wells in the system rate high for all types of contaminants.

This assessment should be used as a basis for determining appropriate new protection measures or re-evaluating existing protection efforts. No matter what ranking a source receives, protection is always important. Whether the source is currently located in a "pristine" area or an area with numerous industrial and/or agricultural land uses that require surveillance, the way to ensure good water quality in the future is to act now to protect valuable water supply resources.

For the City of Idaho Falls, drinking water protection activities should first focus on correcting any deficiencies outlined in the Sanitary Survey. The City of Idaho Falls should continue their use of the disinfection program, which has limited total coliform bacteria detections to the occasional detection in the distribution system. Any spills from the potential contaminant sources listed in Appendix A should be carefully monitored, as should any future development in the delineation areas. As all the sources show a connection with the Snake River, any major contamination of the river from one time events or floods, as in 1997, should be monitored. The City of Idaho Falls may want to look at other practices aimed at reducing the leaching of agricultural chemicals from agricultural land within the designated source water areas for possible implementation. In addition, since the deeper wells have a lower potential of contamination, the City of Idaho Falls could consider pumping more water from these wells. Construction of any new wells must conform to current regulations and should consider a depth that puts the producing zone below the sedimentary interbeds encountered between 400 and 600 feet below ground surface, thus taking advantage of the added protection these beds provide retarding the downward movement of contaminants. Even then, one must remember that open-hole well construction allows for the potential of cross-contamination between aquifer layers. Since most of the designated areas are outside the direct jurisdiction of the City of Idaho Falls, collaboration and partnerships with state and local agencies and industry groups should be established and are critical to success.

Due to the time involved with the movement of ground water, drinking water protection activities should be aimed at long-term management strategies even though these strategies may not yield results in the near term. A strong public education program should be a primary focus of any drinking water protection plan as the delineations encompass much urban and residential land uses. There are multiple resources available to help communities implement protection programs, including the Drinking Water Academy of the U.S. Environmental Protection Agency. As there are transportation corridors through the delineations, the State Department of Transportation should be involved in protection activities. Drinking water protection activities for agriculture should be coordinated with the Idaho State Department of Agriculture, the Soil Conservation Commission, the local Soil Conservation District, and the Natural Resources Conservation Service.

The City of Idaho Falls has a number ordinances and standards currently in place to help prevent contamination of the drinking water system. The Uniform Fire Code addresses requirements for the location and storage of flammable and combustible liquids, as well as explosives. The provisions in this code limit placement of various types of tanks to specific zoning areas. The 1997 Uniform Building Code provides regulations for spill control and secondary containment for hazardous materials liquids as well as storage requirements for flammable and combustible liquid storage. There are also comprehensive regulations regarding the types of chemicals and wastes that can be and cannot be discharged into the public sewer system. These ordinances and standards should be a major part of the public education campaign to let the populace know what is being done to protect the drinking water as well as what they can do to help protect their drinking water.

A community must incorporate a variety of strategies in order to develop a comprehensive drinking water protection plan, be they regulatory in nature (e.g. zoning, permitting) or non-regulatory in nature (e.g. good housekeeping, public education, specific best management practices). For assistance in developing protection strategies please contact the Idaho Falls Regional Office of the Idaho Department of Environmental Quality or the Idaho Rural Water Association.

SOURCE WATER ASSESSMENT FOR THE CITY OF IDAHO FALLS, IDAHO

Section 1. Introduction - Basis for Assessment

The following sections contain information necessary to understand how and why this assessment was conducted. **It is important to review this information to understand what the ranking of this source means.** Maps showing the delineated source water assessment area and the inventory of significant potential sources of contamination identified within that area are attached. The lists of significant potential contaminant source categories and their rankings, used to develop this assessment, are also attached.

Level of Accuracy and Purpose of the Assessment

The Idaho Department of Environmental Quality (DEQ) is required by the U.S. Environmental Protection Agency (EPA) to assess the over 2,900 public drinking water sources in Idaho for their relative susceptibility to contaminants regulated by the Safe Drinking Water Act. This assessment is based on a land use inventory of the delineated assessment area, sensitivity factors associated with the wells, and aquifer characteristics. All assessments must be completed by May of 2003. The resources and time available to accomplish assessments are limited. Therefore, an in-depth, site-specific investigation to identify each significant potential source of contamination for every public water system is not possible. **This assessment should be used as a planning tool, taken into account with local knowledge and concerns, to develop and implement appropriate protection measures for this source. The results should <u>not be</u> used as an absolute measure of risk and they should <u>not be</u> used to undermine public confidence in the water system.**

The ultimate goal of this assessment is to provide data to local communities to develop a protection strategy for their drinking water supply system. The Idaho Department of Environmental Quality (DEQ) recognizes that pollution prevention activities generally require less time and money to implement than treating a public water supply system once it has been contaminated. DEQ encourages communities to balance resource protection with economic growth and development. The decision as to the amount and types of information necessary to develop a drinking water protection program should be determined by the local community based on its own needs and limitations. Wellhead or drinking water protection is one facet of a comprehensive growth plan, and it can complement ongoing local planning efforts.

Section 2. Conducting the Assessment

General Description of the Source Water Quality

The City of Idaho Falls public drinking water system consists of seventeen ground water sources. The system serves approximately 50,000 people with 15,000 connections, and is located in Bonneville County (Figure 1).

There are no current water quality issues currently facing the City of Idaho Falls. The IOC barium exceeded the MCL for Wells #1 and #2 in 1991, but has been below the MCL ever since. There is the occasional detection of total coliform bacteria contamination in the distribution system, but the current disinfection system provides clean water to the public. There have been no VOC or SOC detections in the system.

Defining the Zones of Contribution – Delineation

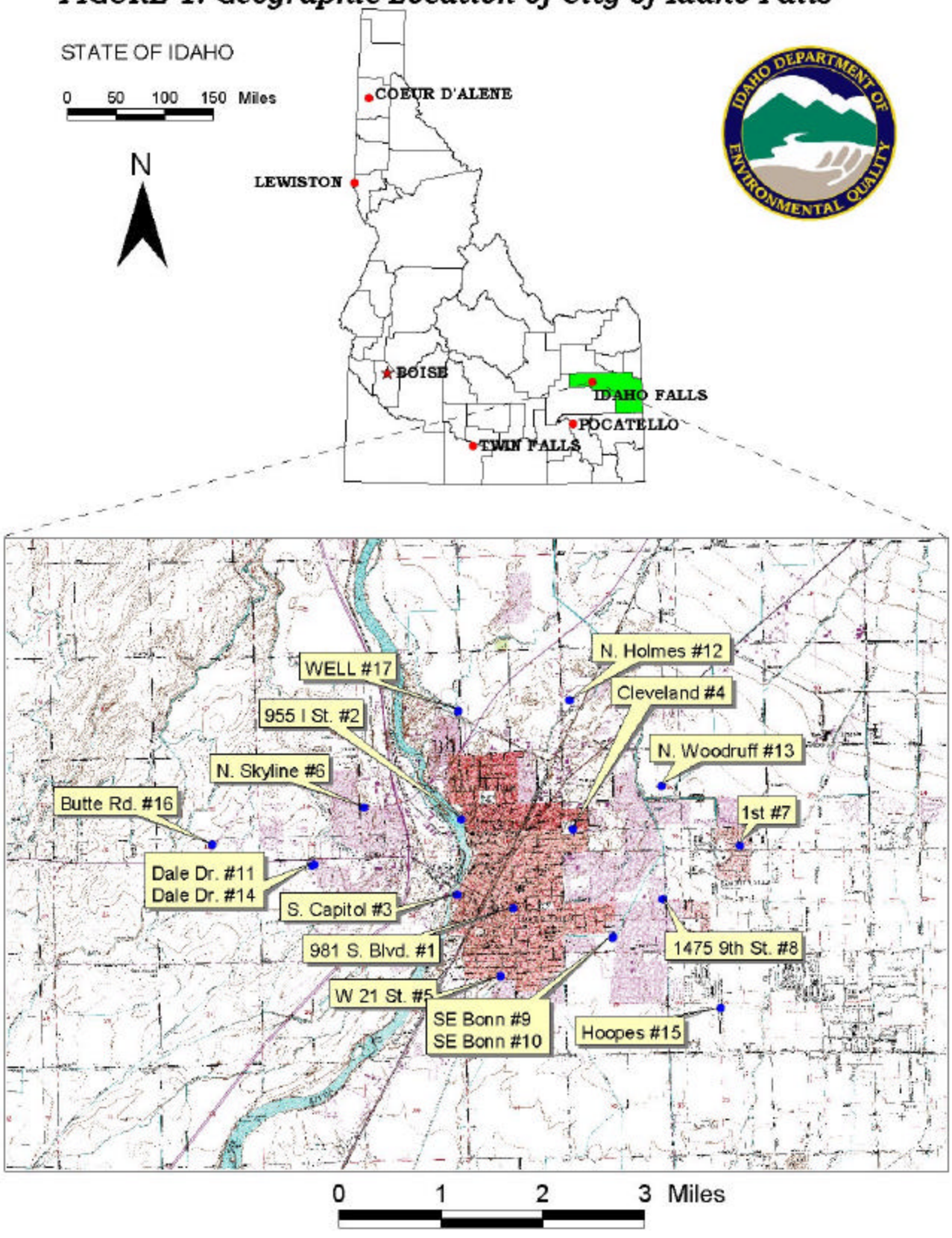
The delineation process establishes the physical area around a well that will become the focal point of the assessment. The process includes mapping the boundaries of the zone of contribution into time-of-travel (TOT) zones (zones indicating the number of years necessary for a particle of water to reach a well) for water in the aquifer. DEQ contracted with Washington Group, International (WGI) to perform the delineations using a refined computer model approved by the EPA in determining the 3-year (Zone 1B), 6-year (Zone 2), and 10-year (Zone 3) TOT for water associated with the Eastern Snake River Plain (ESRP) aquifer in the vicinity of the City of Idaho Falls. The computer model used site-specific data, assimilated by WGI from a variety of sources including local area well logs, operator provided information, and hydrogeologic reports (detailed below).

The ESRP is a northeast trending basin located in southeastern Idaho. Ten thousand square miles of the basin are primarily filled with highly fractured layered Quaternary basalt flows of the Snake River Group, which are intercalated with terrestrial and lacustrine sediments along the margins (Garabedian, 1992, p. 5). Individual basalt flows range from 10 to 50 feet in thickness and average 20 to 25 feet (Lindholm, 1996, p. 14). Basalt is thickest in the central part of the eastern plain and thins toward the margins. Whitehead (1992, p. 9) estimates the total thickness of the flows to be as great as 5,000 feet. A thin layer (0 to 100 feet) of windblown and fluvial sediments overlies the basalt.

The plain is bounded on the northeast by rocks of the Yellowstone Group (mainly rhyolite) and Idavada Volcanics to the southwest. The Snake River flows along part of the southern boundary and is the only drainage that leaves the plain. Rivers and streams entering the plain from the south are tributary to the Snake River. In the area of Idaho Falls, rivers and streams entering from the north (e.g. Big and Little Lost Rivers) vanish into the highly transmissive basalts of the Snake River Plain aquifer.

The layered basalts of the Snake River Group host one of the most productive aquifers in the United States. The aquifer is generally considered unconfined, yet it may be confined locally because of interbedded clay and dense, unfractured basalt (Whitehead, 1992, p. 26). Whitehead (1992, p. 22) reports that well yields of 2,000 to 3,000 gal/min are common for wells open to less than 100 feet of the aquifer. Lindholm (1996, p. 18) estimates aquifer thickness to range from several hundred feet near the plain's margin to thousands of feet near the center.

FIGURE 1. Geographic Location of City of Idaho Falls



The majority of aquifer recharge results from surface water irrigation activities (incidental recharge), which divert water from the Snake River and its tributaries (Ackerman, 1995, p. 4, and Garabedian, 1992, p. 11). Natural recharge occurs through stream losses, direct precipitation, and tributary basin underflow.

Regional ground water flow is to the southwest paralleling the basin (Cosgrove et al., 1999, p. 21; deSonneville, 1972, p. 78; Garabedian, 1992, p. 48; and Lindholm, 1996, p. 23). Ground water flow direction at the local scale is thought to be highly variable due to preferential flow paths through the fractured and layered basalts.

The delineated source water assessment areas for the thirteen wells on the east side of the river travel to the northeast and are about 20 miles long and 1 to 2 miles wide, terminating at the Snake River near Ririe. The delineations for the four wells on the west side of the river also travel to the northeast and end at the Snake River, except in this case they are only 1 to 2 miles long and about 0.5 miles wide. All of these delineations reach the Snake River within the 3-year TOT. As per the Source Water Assessment Plan, when a delineation encounters a losing reach of a river, as in this case, the remainder of the delineation encompasses the area that contributes water to the river. As such, the 6- and 10-year TOTs are considered to be part of the watershed that contributes water to the Snake River.

The actual data used by WGI in determining the source water assessment delineation areas are available from DEQ upon request.

Identifying Potential Sources of Contamination

A potential source of contamination is defined as any facility or activity that stores, uses, or produces, as a product or by-product, the contaminants regulated under the Safe Drinking Water Act and has a sufficient likelihood of releasing such contaminants at levels that could pose a concern relative to drinking water sources. The goal of the inventory process is to locate and describe those facilities, land uses, and environmental conditions that are potential sources of ground water contamination. The locations of potential sources of contamination within the delineation areas were obtained by field surveys conducted by DEQ and the City of Idaho Falls and from available databases.

The dominant land use outside the City of Idaho Falls is irrigated agricultural land. Land use within the immediate area of the wells consists of urban, commercial, and industrial land uses, major transportation corridors (Interstate 15, Highway 26, Highway 191, Highway 20, Highway 91, and the Union Pacific Railroad), and various irrigation canals.

It is important to understand that a release may never occur from a potential source of contamination provided best management practices are used at the facility. Many potential sources of contamination are regulated at the federal level, state level, or both, to reduce the risk of release. Therefore, when a business, facility, or property is identified as a potential contaminant source, this should not be interpreted to mean that this business, facility, or property is in violation of any local, state, or federal environmental law or regulation. What it does mean is that the potential for contamination exists due to the nature of the business, industry, or operation. There are a number of methods that water systems can use to work cooperatively with potential sources of contamination, such as educational visits and inspections of stored materials. Many owners of such facilities may not even be aware that they are located near a public water supply well.

Contaminant Source Inventory Process

A contaminant inventory of the study area was conducted from May to June of 2001. This involved identifying and documenting potential contaminant sources within the City of Idaho Falls Source Water Assessment Areas through the use of computer databases and Geographic Information System maps developed by DEQ. In June 2001, the City of Idaho Falls conducted an enhanced potential contaminant inventory to verify the current list and to identify additional potential sources of contamination.

Since the delineations all differ from one another, the potential contaminant sites located within each of the delineated source water areas differ. Descriptions of the sites are found in Tables A-1 through A-17 and the locations relative to the sources are depicted in Figures 2 through 18 (Appendix A). The number of potential contaminant sites ranges from about 20 (N. Skyline #6) to about 310 (S. Capital #3). These sites include leaking underground storage tank (LUST) sites, numerous underground storage tank (UST) sites, above ground tank (AST) sites, dairies, old gas stations, auto repair shops, general contractors, airport related facilities, and businesses and industries that use chemicals, deep injection wells, recharge wells, sand and gravel pits, a landfill, and a waste waster land application site. Additionally there are sites regulated under the National Pollution Discharge Elimination System (NPDES), Resource Conservation Recovery Act (RCRA), Comprehensive Environmental Response Compensation and Liability Act (CERCLA), and Superfund Amendments and Reauthorization Act (SARA).

There are also numerous highways and the Union Pacific Railroad that cross through this transportation hub, as well as irrigation canals that cross the delineations. If an accidental spill occurred in any of these corridors, IOCs, VOCs, SOCs, or microbial contaminants could be introduced to the aquifer system.

Section 3. Susceptibility Analyses

Each well's susceptibility to contamination was ranked as high, moderate, or low risk according to the following considerations: hydrologic characteristics, physical integrity of the well, land use characteristics, and potentially significant contaminant sources. The susceptibility rankings are specific to a particular potential contaminant or category of contaminants. Therefore, a high susceptibility rating relative to one potential contaminant does not mean that the water system is at the same risk for all other potential contaminants. The relative ranking that is derived for each well is a qualitative, screening-level step that, in many cases, uses generalized assumptions and best professional judgement. Appendix B contains the susceptibility analysis worksheets. The following summaries describe the rationale for the susceptibility ranking.

Hydrologic Sensitivity

The hydrologic sensitivity portion of the assessment is dependent upon four factors. The surface soil composition, the material in the vadose zone (between the land surface and the water table), the depth to first ground water, and the presence of 50-foot cumulative thickness of sedimentary interbeds in basalt or fine-grained zones above the producing zone of the well. Slowly draining soils such as silt and clay typically are more protective of ground water than coarse-grained soils such as sand and gravel. Similarly, fine-grained sediments in the subsurface and a water depth of more than 300 feet protect the ground water from contamination.

The hydrologic sensitivity was high for nine wells and moderate for seven wells (see Table 2). Two factors that were the same for each of the wells was the moderate to well-drained nature of the soils contained within the boundaries of the entire delineation and a vadose zone composed of fractured basalt. In most cases, water was first encountered at less than 300 feet below land surface. Those wells that scored moderate for hydrologic sensitivity (Wells #4, #6, #7, #8, #12, #15, #16, and #17) all have sedimentary interbeds between the basalt flows that have a cumulative thickness of at least 50 feet. For some of the wells that did not have available well logs (Wells #1, #2, #3, and #5), other nearby domestic wells were investigated to determine if sedimentary interbeds were laterally extensive and of sufficient thickness (50 feet) to retard the downward movement of contaminants. These local domestic wells had sedimentary interbed thicknesses ranging from 3 to 22 feet, so no reduction in hydrologic sensitivity score could be justified.

Well Construction

Well construction directly affects the ability of the well to protect the aquifer from contaminants. System construction scores are reduced when information shows that potential contaminants will have a more difficult time reaching the intake of the well. Lower scores imply a system is less vulnerable to contamination. For example, if the well casing and annular seal both extend into a low permeability unit, then the possibility of contamination is reduced and the system construction score goes down. If the highest production interval is more than 100 feet below the water table, then the system is considered to have better buffering capacity. If the wellhead and surface seal are maintained to standards, as outlined in Sanitary Surveys, then contamination down the well bore is less likely. If the well is protected from surface flooding and is outside the 100-year floodplain, then contamination from surface events is reduced.

The City of Idaho Falls drinking water system consists of seventeen wells that extract ground water for community, commercial, recreational, and industrial uses. All the wells except Wells #11, #15, #16, and #17 rate moderate for system construction. The 1995 Sanitary Survey found that all the wellheads and surface seals were maintained. The sanitary survey also found that all the wells were protected from surface flooding. Lack of complete well logs for the majority of the wells prevented an evaluation of the extent of and the zone that the casing and annular seal were placed. Additionally, insufficient information prevented DEQ from determining whether current well construction standards were being met. This information is summarized in Table 1. Wells #11, #15, #16, and #17 had complete well logs that showed where the casing and annular seals were placed. As such, these four wells rated low for system construction.

The Idaho Department of Water Resources *Well Construction Standards Rules* (1993) require all Public Water Systems (PWSs) to follow DEQ standards as well. IDAPA 58.01.08.550 requires that PWSs follow the *Recommended Standards for Water Works* (1997) during construction. Some of the requirements include casing thicknesses, well tests, and depth and formation type that the surface seal must be installed into. Table 1 of the *Recommended Standards for Water Works* (1997) lists the required steel casing thickness for various diameter wells. Eight-inch diameter wells require a casing thickness of 0.322-inches, ten-inch diameter wells require a casing thickness of 0.365-inches, and twelve-inch diameter wells and above require a casing thickness of 0.375-inches. Pump tests for wells producing greater than 50 gpm require a minimum of a 6-hour test. No information was available for casing thickness for Wells #1 through #9. All the other wells used either 0.250-inch thick casing or 0.312-inch thick casing. In all cases, though the wells may have met well construction standards at the time they were built, none of them meet the current requirements. As such, each of the wells was penalized with an additional point for the system construction score.

Table 1. City of Idaho Falls Well Construction Summary Information

Well	Depth (ft)	Casing: diameter/ thickness (in)	Casing: depth (ft)/ formation	First Water Depth (ft)	Screened Interval (ft)	Surface seal: depth (ft)/ formation	Drill Year	Ave. pumping rate (gpm)[1]
981 S. Blvd #1	292	18/NI	175/NI	140	NI	NI	1926	11.6
955 I St. #2	400	22/NI	220/ *broken basalt*[2]	136	NI	NI	1930	23
S. Capitol #3	400	22/NI	182/*basalt*	160	NI	NI	1937	23
Cleveland #4	1630	22/NI	250/*basalt*	*160*	NI	NI	1948	23
W 21 St. #5	343	25/NI	240/*basalt*	*180*	NI	NI	1950	11.6
N. Skyline #6	1930	22, 20, 18, 16, 14/NI	1930/ *clay & sandstone*	164	NI	NI	1954	11.6
1st #7	390	22/NI	200/Hard gray lava with gravel	154	200 – 387 open	NI	1957	11.6
1475 9th St. #8	785	22, 18/NI	610/*clay*	*200*	NI	NI	1959	8.7
SE Bonn #9	412	22/NI	212/Firm brown lava	406	NI	NI	1962	23
SE Bonn #10	400	20, 18, 16/0.312	399/Clay and gravel	150	145 – 206	NI	1962	23
Dale Dr. #11	400	26, 20, 18, 16, 14/0.250	347/Lava firm gray	141	347 – 400 open	256/Lava gray	1965	11.6
N. Holmes #12	400	24/NI	400/Clean gravel	150	NI	NI	1971	23
N. Woodruff #13	411	20, 16, 12/0.250	151, 323, 412/Clean gravel	70	223 – 233, 284 – 294, 332 – 412	143/Hard broken basalt	1975	11.6
Dale Dr. #14	489	20/0.312	202/Gray-green lava	133	202 – 489 open	202/Gray-green lava	1978	1.2
Hoopes #15	410	20/0.375, 16/0.250	116/Basalt gray firm	220	304 – 344	218/Basalt hard & sand	1985	11.6
Butte Rd. #16	515	28, 22, 18/0.250	343/Basalt soft gray	303	343 – 515 open	205/Sand and gravel	1990	11.6
Well #17	433	22/0.375, 18/0.250	366/Basalt firm brown	147	366 – 433 open	203/Basalt hard gray	1991	11.6

[1] From WGI (2001) average pumping rate data
[2] *Italicized* geology from summary cross section log; not official well log
NI = no information was available

Potential Contaminant Source and Land Use

Due to numerous potential petroleum contaminant sources, much agricultural land with high county level nitrogen and total agricultural chemical usage, and numerous transportation corridors, all seventeen wells rated high for IOCs (e.g. arsenic, nitrate), VOCs (e.g. petroleum products), and SOCs (e.g. pesticides) and moderate for microbial contaminants (e.g. bacteria). The delineations also cross a nitrate priority area and an SOC priority area for the pesticide Atrazine.

Final Susceptibility Rating

An IOC detection above a drinking water standard MCL, any detection of a VOC or SOC, or a detection of total coliform bacteria or fecal coliform bacteria at the wellhead will automatically give a high susceptibility rating to a well, despite the land use of the area, because a pathway for contamination already exists. In this case, Well #1 and #2 would automatically rate high for IOC contamination because of the barium MCL exceedance in 1991. Hydrologic sensitivity and system construction scores are heavily weighted in the final scores. Having multiple potential contaminant sources in the 0- to 3-year time-of-travel zone (Zone 1B) and much agricultural land contribute greatly to the overall ranking. In terms of total susceptibility, Wells #4, #6, #7, #8, #9, #11, #12, #15, #16, and #17 rate moderate for all categories. All the other wells rate high for all categories (see Table 2 and Appendix B).

Table 2. Summary of the City of Idaho Falls' Susceptibility Evaluation

Source	**Susceptibility Scores[1]**									
	Hydrologic Sensitivity	Potential Contaminant Inventory				System Construction	**Final Susceptibility Ranking**			
		IOC	VOC	SOC	Microbials		IOC	VOC	SOC	Microbials
981 S. Blvd. #1	H	H	H	H	M	M	H(*)[2]	H	H	H
955 I St. #2	H	H	H	H	M	M	H(*)	H	H	H
S. Capitol #3	H	H	H	H	M	M	H	H	H	H
Cleveland #4	M	H	H	H	M	M	M	M	M	M
W 21 St. #5	H	H	H	H	M	M	H	H	H	H
N. Skyline #6	M	H	M	H	M	M	M	M	M	M
1st #7	M	H	H	H	M	M	M	M	M	M
1475 9th St. #8	M	H	H	H	M	M	M	M	M	M
SE Bonn #9	H	H	H	H	M	M	M	M	M	M
SE Bonn #10	H	H	H	H	M	M	H	H	H	H
Dale Dr. #11	H	H	M	H	M	L	M	M	M	M
N. Holmes #12	M	H	H	H	M	M	M	M	M	M
N. Woodruff #13	H	H	H	H	M	M	H	H	H	H
Dale Dr. #14	H	H	H	H	M	M	H	H	H	H
Hoopes #15	M	H	H	H	M	L	M	M	M	M
Butte Rd. #16	M	H	H	H	M	L	M	M	M	M
Well #17	M	H	H	H	M	L	M	M	M	M

[1]H = High Susceptibility, M = Moderate Susceptibility, L = Low Susceptibility
IOC = inorganic chemical, VOC = volatile organic chemical, SOC = synthetic organic chemical
[2]H(*) = Well rated high overall as well as automatically high because of barium exceedance of MCL

Susceptibility Summary

In terms of total susceptibility, all but seven of the wells rate moderate for all categories. Wells #4 and #6 are over 1,000 feet deep and Well #8 is about 800 feet deep, providing enough low permeability layers to cause a moderate rating to all contaminants. Wells #11, #15, #16, and #17 also rate moderate because of low system construction scores. In addition to being protected from surface flooding and having the wellhead and sanitary seal in good condition, these four wells had adequate information for ascertaining the depth and formation that the casing and annular seal was placed into.

Each of the well delineations had numerous potential contaminant sites and a large percentage of agricultural land uses including being located in a nitrate priority area and an SOC priority area for the pesticide Atrazine. The hydrologic sensitivity was high for about half of the wells due to the nature of the fractured basalt that allows for contaminants to penetrate deep into the system. Lack of complete information for numerous wells caused DEQ to be conservative and give the system more points when the answer was unknown.

Despite the moderate and high susceptiblity ratings for the City of Idaho Falls, the city continues to provide high quality water to its citizens. There has never been a VOC or SOC detection in the sampled well water. The disinfection system prevents all but the occasional detection of total coliform bacteria in the distribution system. Though barium exceeded the MCL for Wells #1 and #2 in 1991, the levels have been below the MCL ever since. Nitrates have consistently been less than 3 mg/L. Despite the high quality of water currently being provided, the City of Idaho Falls should be aware of the possibility of future contamination from potential contaminant sources and from continued agricultural practices.

Section 4. Options for Drinking Water Protection

The susceptibility assessment should be used as a basis for determining appropriate new protection measures or re-evaluating existing protection efforts. No matter what the susceptibility ranking a source receives, protection is always important. Whether the source is currently located in a "pristine" area or an area with numerous industrial and/or agricultural land uses that require education and surveillance, the way to ensure good water quality in the future is to act now to protect valuable water supply resources.

An effective drinking water protection program is tailored to the particular local drinking water protection area. A community with a fully developed drinking water protection program will incorporate many strategies. For the City of Idaho Falls, drinking water protection activities should first focus on correcting any deficiencies outlined in the Sanitary Survey. The City of Idaho Falls should continue their use of the disinfection program, which has limited total coliform bacteria detections to the occasional detection in the distribution system. Any spills from the potential contaminant sources listed in Appendix A should be carefully monitored, as should any future development in the delineation areas. Since all the sources show a connection with the Snake River, any major contamination of the river from one-time events or floods -- as in 1997 -- should be monitored. Other practices aimed at reducing the leaching of agricultural chemicals from agricultural land within the designated source water areas should be implemented. Since the deeper wells and the newer wells have a lower potential of contamination, the City of Idaho Falls may want to consider pumping more water from these wells. Any new PWS well must meet the *Recommended Standards for Water Works* (1997) as outlined in IDAPA 37.03.09 and IDAPA 58.01.08.550. The City of Idaho Falls should consider a depth that puts the producing zone below the sedimentary interbeds that are encountered between 400 and 600 feet below ground surface, and help retard the downward movement of contaminants. Even then, the City of Idaho Falls should also be aware that open-hole well construction allows for the potential of cross-contamination between aquifer layers. Most of the designated areas are outside the direct jurisdiction of the City of Idaho Falls, making collaboration and partnerships with state and local agencies and industry groups critical to success.

Due to the time involved with the movement of ground water, drinking water protection activities should be aimed at long-term management strategies even though these strategies may not yield results in the near term. A strong public education program should be a primary focus of any drinking water protection plan as the delineations encompass much urban and residential land uses. There are multiple resources available to help communities implement protection programs, including the Drinking Water Academy of the U.S. Environmental Protection Agency. As there are transportation corridors through the delineations, the State Department of Transportation should be involved in protection activities. Drinking water protection activities for agriculture should be coordinated with the Idaho State Department of Agriculture, the Soil Conservation Commission, the local Soil Conservation District, and the Natural Resources Conservation Service.

The City of Idaho Falls has a number ordinances and standards currently in place to help prevent contamination of the drinking water system. The Uniform Fire Code addresses requirements for the location and storage of flammable and combustible liquids, as well as explosives. The provisions in this code limit placement of various types of tanks to specific zoning areas. The 1997 Uniform Building Code provides regulations for spill control and secondary containment for hazardous materials liquids as well as storage requirements for flammable and combustible liquid storage. There are also comprehensive regulations regarding the types of chemicals and wastes that can be and cannot be discharged into the public sewer system. These ordinances and standards should be a major part of the public education campaign to let the populace know what is being done to protect the drinking water as well as what they can do to help protect their drinking water.

A community must incorporate a variety of strategies in order to develop a comprehensive drinking water protection plan, be they regulatory in nature (e.g. zoning, permitting) or non-regulatory in nature (e.g. good housekeeping, public education, specific best management practices). For assistance in developing protection strategies please contact the Idaho Falls Regional Office of the DEQ or the Idaho Rural Water Association.

Assistance

Public water suppliers and others may call the following DEQ offices with questions about this assessment and to request assistance with developing and implementing a local protection plan. In addition, draft protection plans may be submitted to the DEQ office for preliminary review and comments.

Idaho Falls Regional DEQ Office	(208) 528-2650
State DEQ Office	(208) 373-0502

Website: http://www.deq.state.id.us

Water suppliers serving fewer than 10,000 persons may contact Melinda Harper, Idaho Rural Water Association, at (208) 343-7001 for assistance with drinking water protection (formerly wellhead protection) strategies.

POTENTIAL CONTAMINANT INVENTORY
LIST OF ACRONYMS AND DEFINITIONS

AST (Aboveground Storage Tanks) – Sites with aboveground storage tanks.

Business Mailing List – This list contains potential contaminant sites identified through a yellow pages database search of standard industry codes (SIC).

CERCLIS – This includes sites considered for listing under the **Comprehensive Environmental Response Compensation and Liability Act (CERCLA)**. CERCLA, more commonly known as ASuperfund≅ is designed to clean up hazardous waste sites that are on the national priority list (NPL).

Cyanide Site – DEQ permitted and known historical sites/facilities using cyanide.

Dairy – Sites included in the primary contaminant source inventory represent those facilities regulated by Idaho State Department of Agriculture (ISDA) and may range from a few head to several thousand head of milking cows.

Deep Injection Well – Injection wells regulated under the Idaho Department of Water Resources generally for the disposal of stormwater runoff or agricultural field drainage.

Enhanced Inventory – Enhanced inventory locations are potential contaminant source sites added by the water system. These can include new sites not captured during the primary contaminant inventory, or corrected locations for sites not properly located during the primary contaminant inventory. Enhanced inventory sites can also include miscellaneous sites added by the Idaho Department of Environmental Quality (DEQ) during the primary contaminant inventory.

Floodplain – This is a coverage of the 100year floodplains.

Group 1 Sites – These are sites that show elevated levels of contaminants and are not within the priority one areas.

Inorganic Priority Area – Priority one areas where greater than 25% of the wells/springs show constituents higher than primary standards or other health standards.

Landfill – Areas of open and closed municipal and non-municipal landfills.

LUST (Leaking Underground Storage Tank) – Potential contaminant source sites associated with leaking underground storage tanks as regulated under RCRA.

Mines and Quarries – Mines and quarries permitted through the Idaho Department of Lands.

Nitrate Priority Area – Area where greater than 25% of wells/springs show nitrate values above 5mg/l.

NPDES (National Pollutant Discharge Elimination System) – Sites with NPDES permits. The Clean Water Act requires that any discharge of a pollutant to waters of the United States from a point source must be authorized by an NPDES permit.

Organic Priority Areas – These are any areas where greater than 25 % of wells/springs show levels greater than 1% of the primary standard or other health standards.

Recharge Point – This includes active, proposed, and possible recharge sites on the Snake River Plain.

RICRIS – Site regulated under **Resource Conservation Recovery Act (RCRA)**. RCRA is commonly associated with the cradle to grave management approach for generation, storage, and disposal of hazardous wastes.

SARA Tier II (Superfund Amendments and Reauthorization Act Tier II Facilities) – These sites store certain types and amounts of hazardous materials and must be identified under the Community Right to Know Act.

Toxic Release Inventory (TRI) – The toxic release inventory list was developed as part of the Emergency Planning and Community Right to Know (Community Right to Know) Act passed in 1986. The Community Right to Know Act requires the reporting of any release of a chemical found on the TRI list.

UST (Underground Storage Tank) – Potential contaminant source sites associated with underground storage tanks regulated as regulated under RCRA.

Wastewater Land Applications Sites – These are areas where the land application of municipal or industrial wastewater is permitted by DEQ.

Wellheads – These are drinking water well locations regulated under the Safe Drinking Water Act. They are not treated as potential contaminant sources.

NOTE: Many of the potential contaminant sources were located using a geocoding program where mailing addresses are used to locate a facility. Field verification of potential contaminant sources is an important element of an enhanced inventory.

Where possible, a list of potential contaminant sites unable to be located with geocoding will be provided to water systems to determine if the potential contaminant sources are located within the source water assessment area.

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Garabedian, S.P., 1992, Hydrology and Digital Simulation of the Regional Aquifer System, Eastern Snake River Plain, Idaho, U.S. Geological Survey Professional Paper 1408-F, 102 p.

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Lindholm, G.F., 1996, Summary of the Snake River Plain Regional Aquifer-System Analysis in Idaho and Eastern Oregon, U.S. Geological Survey Professional Paper 1408-A, 59 p.

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Appendix A

Delineation Figures and Potential Contaminant Tables

Figure 2. City of Idaho Falls Delineation Map and Potential Contaminant Source Locations

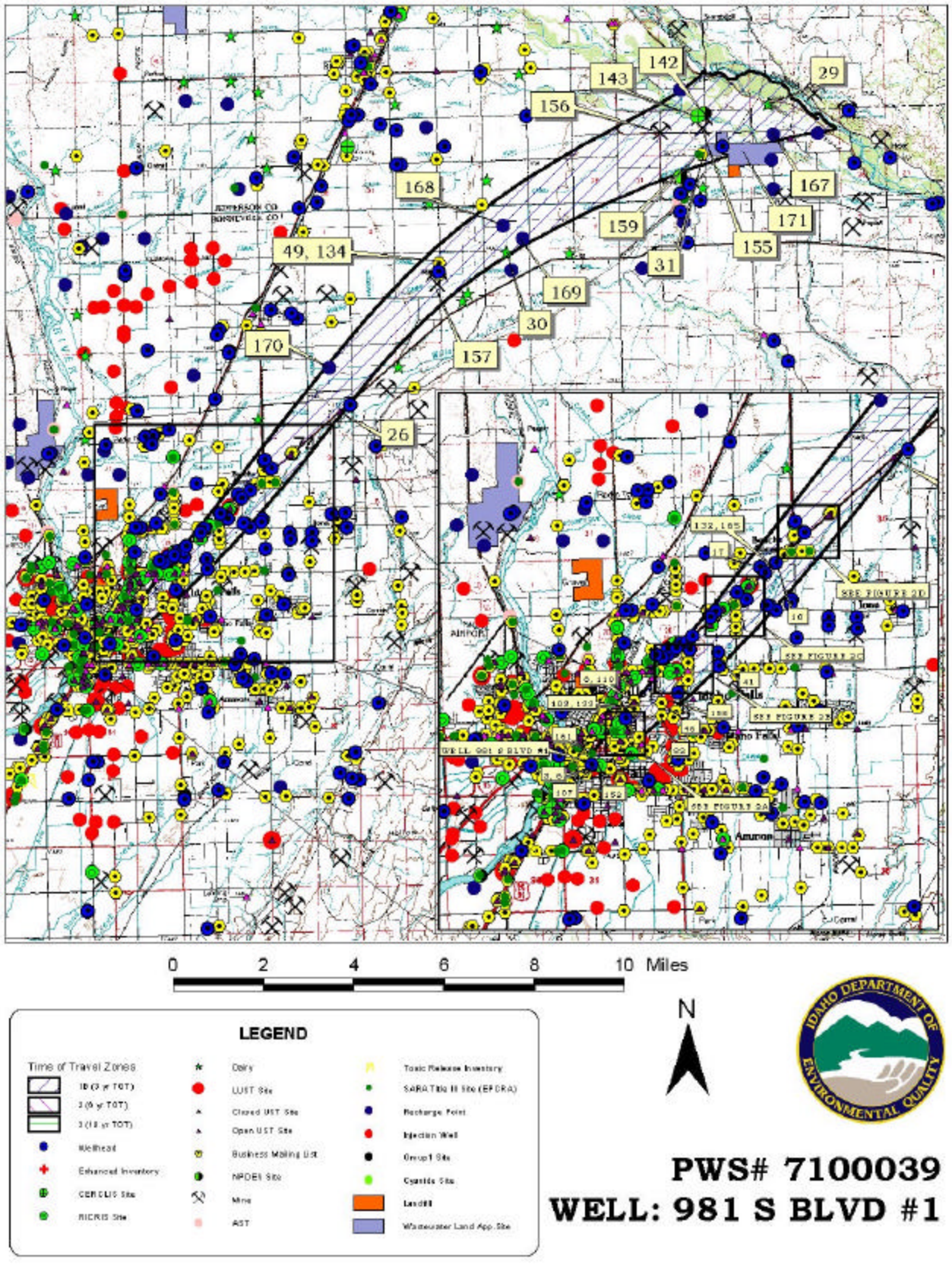

Table A-1. Well #1, Potential Contaminant Inventory

Site #	Source Description[1]	TOT ZONE[2]	Source of Information	Potential Contaminants [3]
1, 7	LUST - site cleanup completed, UST - closed	0 - 3	Database Search	VOC, SOC
2, 27	LUST - site cleanup completed, UST - closed	0 - 3	Database Search	VOC, SOC
3, 6	LUST - site cleanup incomplete, UST - open	0 - 3	Database Search	VOC, SOC
4, 43, 144	UST - closed, Machinery contractor, RCRIS	0 - 3	Database Search	IOC, VOC, SOC
5	UST - closed	0 - 3	Database Search	VOC, SOC
8, 110	UST - closed, Golf course	0 - 3	Database Search	IOC, VOC, SOC
9	UST - closed	0 - 3	Database Search	VOC, SOC
10, 165	UST - open, SARA	0 - 3	Database Search	VOC, SOC
11, 118	UST - closed, Irrigation equipment	0 - 3	Database Search	VOC, SOC
12	UST - closed	0 - 3	Database Search	VOC, SOC
13	UST - closed	0 - 3	Database Search	VOC, SOC
14	UST - open	0 - 3	Database Search	VOC, SOC
15	UST - closed	0 - 3	Database Search	VOC, SOC
16, 68	UST - closed, Steel fabricator	0 - 3	Database Search	IOC, VOC, SOC
17	UST - open	0 - 3	Database Search	VOC, SOC
18	UST - closed	0 - 3	Database Search	VOC, SOC
19	UST - closed	0 - 3	Database Search	VOC, SOC
20	UST - closed	0 - 3	Database Search	VOC, SOC
21	UST - closed	0 - 3	Database Search	VOC, SOC
22, 146	UST - closed, RCRIS	0 - 3	Database Search	IOC, VOC, SOC
23	UST - open	0 - 3	Database Search	VOC, SOC
24, 120	UST - closed, RV sales	0 - 3	Database Search	VOC, SOC
25	UST - open	0 - 3	Database Search	VOC, SOC
26	UST - closed	0 - 3	Database Search	VOC, SOC
28, 88	UST - open, General contractor	0 - 3	Database Search	VOC, SOC
29	Dairy <= 200 cows	0 - 3	Database Search	IOC, SOC, Microbes
30	Dairy <= 200 cows	0 - 3	Database Search	IOC, SOC, Microbes
31, 159, 171	Processed potatoes, SARA, WLAP	0 - 3	Database Search	IOC, SOC, Microbes
32	Storage-Household & Commercial	0 - 3	Database Search	IOC, VOC, SOC
33	Truck-Dealers-Used	0 - 3	Database Search	VOC, SOC
34	Boat Dealers	0 - 3	Database Search	VOC, SOC
35	Rental Service-Stores & Yards	0 - 3	Database Search	IOC, VOC, SOC
36	Farm Equipment (Wholesale)	0 - 3	Database Search	IOC, SOC
37	Machine Shops	0 - 3	Database Search	IOC, VOC, SOC
38	Trucking-Motor Freight	0 - 3	Database Search	VOC, SOC
39	Fire Damage Restoration	0 - 3	Database Search	IOC, VOC
40	Satellite Equipment & Systems-Mfrs	0 - 3	Database Search	VOC, SOC
41	Plumbing Drain & Sewer Cleaning	0 - 3	Database Search	IOC, VOC, SOC
42	Hardware-Wholesale	0 - 3	Database Search	VOC, SOC
44	Farm Supplies (Wholesale)	0 - 3	Database Search	IOC, VOC, SOC
45	Home Improvements	0 - 3	Database Search	IOC, VOC, SOC
46	Carpet & Rug Cleaners	0 - 3	Database Search	IOC, VOC
47	Cabinets-Manufacturers	0 - 3	Database Search	VOC, SOC
48	Automobile Radiator-Repairing	0 - 3	Database Search	IOC, VOC, SOC
49	Seed Cleaning	0 - 3	Database Search	IOC, SOC, Microbes
50	Automobile Repairing & Service	0 - 3	Database Search	IOC, VOC, SOC

Site #	Source Description[1]	TOT ZONE[2]	Source of Information	Potential Contaminants [3]
51	Automobile Repairing & Service	0 - 3	Database Search	IOC, VOC, SOC
52	Automobile Dealers-Used Cars	0 - 3	Database Search	VOC, SOC
53	Automobile Body-Repairing & Painting	0 - 3	Database Search	IOC, VOC, SOC
54	Newspapers (Publishers)	0 - 3	Database Search	IOC, VOC
55	Automobile Body-Repairing & Painting	0 - 3	Database Search	IOC, VOC, SOC
56	Automobile Body-Repairing & Painting	0 - 3	Database Search	IOC, VOC, SOC
57	Store Fronts	0 - 3	Database Search	VOC
58	Truck Equipment & Parts-Used (Wholesale)	0 - 3	Database Search	IOC, VOC, SOC
59	Automobile Repairing & Service	0 - 3	Database Search	IOC, VOC, SOC
60	Signs (Manufacturers)	0 - 3	Database Search	VOC
61, 147	Cleaners, RCRIS	0 - 3	Database Search	VOC
62	Automobile Body-Repairing & Painting	0 - 3	Database Search	IOC, VOC, SOC
63, 148	Cleaners, RCRIS	0 - 3	Database Search	VOC
64	Snow Removal Equipment-Retail	0 - 3	Database Search	IOC, VOC, SOC
65	Laboratories-Dental	0 - 3	Database Search	IOC, VOC, SOC, Microbes
66	Motorcycles & Motor Scooters-Dealer	0 - 3	Database Search	VOC, SOC
67	Fire Damage Restoration	0 - 3	Database Search	IOC, VOC
69	Dome Structures	0 - 3	Database Search	IOC, VOC, SOC
70	Printers	0 - 3	Database Search	IOC, VOC
71	Powder Coatings (Manufacturers)	0 - 3	Database Search	IOC
72	Taxicabs	0 - 3	Database Search	VOC, SOC
73	Machine Shops	0 - 3	Database Search	IOC, VOC, SOC
74	Nurserymen	0 - 3	Database Search	IOC, SOC, Microbes
75	Castings-Metals	0 - 3	Database Search	IOC, VOC, SOC
76	Automobile Renting & Leasing	0 - 3	Database Search	VOC, SOC
77	Welding	0 - 3	Database Search	IOC, VOC, SOC
78	Paving Contractors	0 - 3	Database Search	IOC, VOC, SOC
79	Signs (Manufacturers)	0 - 3	Database Search	VOC
80	Roofing Contractors	0 - 3	Database Search	IOC, VOC, SOC
81	Contractors-Equip/ Supls-Dlrs/Svc	0 - 3	Database Search	IOC, VOC, SOC
82	Janitor Service	0 - 3	Database Search	VOC, Microbes
83	Barbers Equipment & Supplies-Mfrs	0 - 3	Database Search	IOC
84	Material Handling Equipment (Wholesale)	0 - 3	Database Search	IOC, VOC, SOC
85	Cut Stone & Stone Products (Mfrs)	0 - 3	Database Search	IOC, VOC, SOC
86	Snow Removal Service	0 - 3	Database Search	IOC, VOC, SOC
87	Trailer-Manufacturers	0 - 3	Database Search	IOC, VOC, SOC
89	Recycling Centers (Wholesale)	0 - 3	Database Search	VOC
90	Automobile Restoration-Antique & Classic	0 - 3	Database Search	IOC, VOC, SOC
91	Engravers-Glassware (Manufacturers)	0 - 3	Database Search	IOC, VOC
92	Motorcycles & Motor Scooters-Rpr	0 - 3	Database Search	IOC, VOC, SOC
93	Automobile Parts & Supplies-Wholesale	0 - 3	Database Search	VOC, SOC
94	Motorcycles & Motor Scooters-Dealer	0 - 3	Database Search	VOC, SOC
95	Transmissions-Automobile	0 - 3	Database Search	IOC, VOC, SOC
96	Welding Equipment & Supplies (Wholesale)	0 - 3	Database Search	IOC, VOC, SOC
97	Printers	0 - 3	Database Search	IOC, VOC
98	Drilling & Boring Contractors	0 - 3	Database Search	IOC, VOC, SOC
99	Mufflers & Exhaust Systems-Engine	0 - 3	Database Search	IOC, VOC, SOC

Site #	Source Description[1]	TOT ZONE[2]	Source of Information	Potential Contaminants [3]
100	Ornamental Metal Work (Manufacturer)	0 - 3	Database Search	IOC, VOC
101	Storage-Household & Commercial	0 - 3	Database Search	IOC, VOC, SOC
102	Cleaning Compounds-Manufacturers	0 - 3	Database Search	IOC, VOC
103	Veterinarians	0 - 3	Database Search	IOC, Microbes
104	Plastics-Vacuum/Pressure Forming	0 - 3	Database Search	IOC, VOC, SOC
105	Tire-Retreading & Repairing	0 - 3	Database Search	IOC, VOC, SOC
106	General Contractors	0 - 3	Database Search	IOC, VOC, SOC
107	Gas Companies	0 - 3	Database Search	VOC, SOC
108	Barbers Equipment & Supplies (Wholesale)	0 - 3	Database Search	IOC
109	Photo Finishing-Retail	0 - 3	Database Search	IOC, VOC
111, 162	Farm Equipment, SARA	0 - 3	Database Search	VOC, SOC
112	Plastics-High Pressure Laminates	0 - 3	Database Search	IOC, VOC, SOC
113	Boat Repairing	0 - 3	Database Search	IOC, VOC, SOC
114	Boat Dealers	0 - 3	Database Search	VOC, SOC
115	Trucking-Liquid & Dry Bulk	0 - 3	Database Search	IOC, VOC, SOC
116	Relays & Industrial Controls (Mfrs)	0 - 3	Database Search	IOC, VOC
117	Snow Removal Equipment-Retail	0 - 3	Database Search	IOC, VOC, SOC
119	Rental Service-Stores & Yards	0 - 3	Database Search	IOC, VOC, SOC, Microbes
121	Four Wheel Drive-Repairing & Service	0 - 3	Database Search	IOC, VOC, SOC
122	Storage-Household & Commercial	0 - 3	Database Search	IOC, VOC, SOC, Microbes
123	Recreational Vehicles	0 - 3	Database Search	VOC, SOC
124	Florists-Supplies (Wholesale)	0 - 3	Database Search	IOC, SOC, Microbes
125	Truck Renting & Leasing	0 - 3	Database Search	VOC, SOC
126, 164	Wholesale Fertilizer, SARA	0 - 3	Database Search	IOC, SOC
127	Bicycles-Dealers	0 - 3	Database Search	IOC
128	Chemicals (Wholesale)	0 - 3	Database Search	IOC, VOC, SOC, Microbes
129	Washers-Pressure	0 - 3	Database Search	VOC
130	Alternators & Starters-Marine (Mfrs)	0 - 3	Database Search	VOC, SOC
131	Automobile Repairing & Service	0 - 3	Database Search	IOC, VOC, SOC
132	Service Stations-Gasoline & Oil	0 - 3	Database Search	VOC, SOC
133	Veterinarians	0 - 3	Database Search	IOC, Microbes
134	Concrete Contractors	0 - 3	Database Search	IOC, VOC, SOC
135	Automobile Repairing & Service	0 - 3	Database Search	IOC, VOC, SOC
136	Newspapers (Publishers)	0 - 3	Database Search	IOC, VOC
137	Recycling Centers (Wholesale)	0 - 3	Database Search	VOC
138	Hydraulic Equipment & Supplies	0 - 3	Database Search	VOC, SOC
139	Truck Renting & Leasing	0 - 3	Database Search	VOC, SOC
140	Government-Forestry Services	0 - 3	Database Search	IOC, VOC, SOC
141	Federal Government-National Security	0 - 3	Database Search	IOC, VOC, SOC
142	NPDES	0 - 3	Database Search	IOC, Microbes
143	CERCLA	0 - 3	Database Search	VOC, SOC
145	RCRIS	0 - 3	Database Search	IOC, VOC, SOC, Microbes
149	RCRIS	0 - 3	Database Search	IOC, VOC, SOC
150	RCRIS	0 - 3	Database Search	IOC, VOC, SOC
151	RCRIS	0 - 3	Database Search	IOC, VOC, SOC, Microbes
152	RCRIS	0 - 3	Database Search	IOC, VOC, SOC, Microbes
153	RCRIS	0 - 3	Database Search	IOC, VOC, SOC, Microbes

Site #	Source Description[1]	TOT ZONE[2]	Source of Information	Potential Contaminants [3]
154	RCRIS	0 - 3	Database Search	IOC, VOC, SOC, Microbes
155	Sand and gravel pit	0 - 3	Database Search	IOC
156	Sand and gravel pit	0 - 3	Database Search	IOC
157	Sand and gravel pit	0 - 3	Database Search	IOC
158	Deep injection well	0 - 3	Database Search	IOC, VOC, SOC, Microbes
160	SARA	0 - 3	Database Search	VOC
161	SARA	0 - 3	Database Search	IOC, Microbes
163	SARA	0 - 3	Database Search	VOC, SOC
166	SARA	0 - 3	Database Search	IOC, SOC, Microbes
167	Recharge point - unused	0 - 3	Database Search	IOC, VOC, SOC, Microbes
168	Recharge point - unused	0 - 3	Database Search	IOC, VOC, SOC, Microbes
169	Recharge point - unused	0 - 3	Database Search	IOC, VOC, SOC, Microbes
170	Recharge point - unused	0 - 3	Database Search	IOC, VOC, SOC, Microbes
	Highway 26	0 - 3	GIS Map	IOC, VOC, SOC, Microbes
	Highway 191	0 - 3	GIS Map	IOC, VOC, SOC, Microbes
	Union Pacific Railroad	0 - 3	GIS Map	IOC, VOC, SOC, Microbes
	Idaho Canal	0 - 3	GIS Map	IOC, VOC, SOC, Microbes
	Snake River	3 - 10	GIS Map	IOC, VOC, SOC, Microbes

[1] UST = underground storage tank, LUST = leaking underground storage tank, RCRIS = Resource Conservation Recovery Act, NPDES = National Pollutant Discharge Elimination System, CERCLA = Comprehensive Environmental Response Compensation and Liability Act, SARA = Superfund Amendments and Reauthorization Act, WLAP = wastewater land application

[2] TOT = time-of-travel (in years) for a potential contaminant to reach the wellhead

[3] IOC = inorganic chemical, VOC = volatile organic chemical, SOC = synthetic organic chemical

Table A-2. Well #2, Potential Contaminant Inventory

Site #	Source Description[1]	TOT ZONE[2]	Source of Information	Potential Contaminants [3]
1, 13, 76	LUST - impact unknown, UST - open, SARA	0 - 3	Database Search	IOC, VOC, SOC
2	LUST - impact ground water	0 - 3	Database Search	VOC, SOC
3, 4, 60, 77, 85	LUST - impact unknown, UST - open, Gas station, SARA, AST	0 - 3	Database Search	VOC, SOC
5	UST - closed	0 - 3	Database Search	VOC, SOC
6	UST - closed	0 - 3	Database Search	VOC, SOC
7	UST - open	0 - 3	Database Search	VOC, SOC
8, 41	UST - closed, Parking area maintenance	0 - 3	Database Search	VOC, SOC
9	UST - closed	0 - 3	Database Search	VOC, SOC
10	UST - closed	0 - 3	Database Search	VOC, SOC
11	UST - open	0 - 3	Database Search	VOC, SOC
12, 66, 78	UST - open, Oil & Tire, SARA	0 - 3	Database Search	VOC, SOC
14	UST - closed	0 - 3	Database Search	VOC, SOC
15	UST - closed	0 - 3	Database Search	VOC, SOC
16	Dairy, <=200 cows	0 - 3	Database Search	IOC, SOC, Microbes
17	Dairy, <=200 cows	0 - 3	Database Search	IOC, SOC, Microbes
18	Dairy, <=200 cows	0 - 3	Database Search	IOC, SOC, Microbes
19	Janitor Service	0 - 3	Database Search	VOC, Microbes
20	Automobile Parts-Used & Rebuilt	0 - 3	Database Search	IOC, VOC, SOC
21	Automobile Dealers-Used Cars	0 - 3	Database Search	VOC, SOC
22	Truck-Repairing & Service	0 - 3	Database Search	IOC, VOC, SOC
23	Parking Area Maintenance & Marking	0 - 3	Database Search	IOC, VOC, SOC
24	Automobile Customizing	0 - 3	Database Search	VOC, SOC
25	Automobile Dealers-New Cars	0 - 3	Database Search	VOC, SOC
26	Automobile Repairing & Service	0 - 3	Database Search	IOC, VOC, SOC
27	Automobile Parts-Used & Rebuilt	0 - 3	Database Search	IOC, VOC, SOC
28	Seed Cleaning	0 - 3	Database Search	IOC, SOC, Microbes
29	Automobile Parts-Used & Rebuilt	0 - 3	Database Search	IOC, VOC, SOC
30, 69, 84	Automobile Body-Repairing & Painting, RCRIS, AST	0 - 3	Database Search	IOC, VOC, SOC
31	Automobile Dealers-Used Cars	0 - 3	Database Search	VOC, SOC
32	Playground Equipment-Manufacturers	0 - 3	Database Search	IOC, VOC, SOC
33	Logging Companies	0 - 3	Database Search	IOC, VOC, SOC
34	Trucking-Motor Freight	0 - 3	Database Search	VOC, SOC
35	Storage-Household & Commercial	0 - 3	Database Search	IOC, VOC, SOC, Microbes
36	Wrecker Service	0 - 3	Database Search	VOC, SOC
37	Tree Service	0 - 3	Database Search	IOC, SOC, Microbes
38	Wrecker Service	0 - 3	Database Search	VOC, SOC
39, 79, 84	Asphalt & Asphalt Products, SARA, AST	0 - 3	Database Search	IOC, VOC, SOC
40	Excavating Contractors	0 - 3	Database Search	IOC, VOC, SOC
42	Automobile Dealers-Used Cars	0 - 3	Database Search	VOC, SOC
43	Tile-Ceramic-Contractors & Dealers	0 - 3	Database Search	IOC
44	General Contractors	0 - 3	Database Search	IOC, VOC, SOC
45	Sporting Goods-Manufacturers	0 - 3	Database Search	IOC, VOC, SOC
46	Sportswear-Mens-Manufacturers	0 - 3	Database Search	VOC
47	General Contractors	0 - 3	Database Search	IOC, VOC, SOC
48	Tile-Ceramic-Contractors & Dealers	0 - 3	Database Search	IOC
49	Wrecker Service	0 - 3	Database Search	VOC, SOC

Site #	Source Description[1]	TOT ZONE[2]	Source of Information	Potential Contaminants [3]
50	Delivery Service	0 - 3	Database Search	VOC, SOC
51	Farms	0 - 3	Database Search	IOC, SOC, Microbes
52	Rope-Manufacturers	0 - 3	Database Search	VOC
53	Machine Tools (Wholesale)	0 - 3	Database Search	IOC, VOC, SOC
54	Car Washing & Polishing	0 - 3	Database Search	IOC, VOC, SOC
55	Landscape Contractors	0 - 3	Database Search	IOC, SOC, Microbes
56	Farm Supplies (Wholesale)	0 - 3	Database Search	IOC, SOC, Microbes
57	Concrete Contractors	0 - 3	Database Search	IOC, VOC, SOC
58	Labels-Paper (Manufacturers)	0 - 3	Database Search	VOC
59, 83	Oils-Lubricating-Wholesale, AST	0 - 3	Database Search	VOC, SOC
61	Automobile Parts-Used & Rebuilt	0 - 3	Database Search	VOC, SOC
62	General Contractors	0 - 3	Database Search	IOC, VOC, SOC
63, 64	Excavating Contractors	0 - 3	Database Search	IOC, VOC, SOC
65	Automobile Lubrication Service	0 - 3	Database Search	VOC, SOC
67	NPDES	0 - 3	Database Search	IOC, Microbes
68	CERCLA	0 - 3	Database Search	VOC, SOC
70	Gravel pit	0 - 3	Database Search	IOC
71	Gravel pit	0 - 3	Database Search	IOC
72	Gravel pit	0 - 3	Database Search	IOC
73	Pumice processing	0 - 3	Database Search	IOC, VOC, SOC
74	Deep injection well	0 - 3	Database Search	IOC, VOC, SOC, Microbes
75	Deep injection well	0 - 3	Database Search	IOC, VOC, SOC, Microbes
80	Recharge point	0 - 3	Database Search	IOC, VOC, SOC, Microbes
81	Recharge point	0 - 3	Database Search	IOC, VOC, SOC, Microbes
82	Recharge point	0 - 3	Database Search	IOC, VOC, SOC, Microbes
86	WLAP site	0 - 3	Database Search	IOC, SOC, Microbes
87	Landfill	0 - 3	Database Search	IOC, VOC, SOC, Microbes
	Highway 20	0 - 3	GIS Map	IOC, VOC, SOC, Microbes
	S. Fork Willow Canal	0 - 3	GIS Map	IOC, VOC, SOC, Microbes
	Union Pacific Railroad	0 - 3	GIS Map	IOC, VOC, SOC, Microbes

[1] UST = underground storage tank, LUST = leaking underground storage tank, RCRIS = Resource Conservation Recovery Act, NPDES = National Pollutant Discharge Elimination System, CERCLA = Comprehensive Environmental Response Compensation and Liability Act, SARA = Superfund Amendments and Reauthorization Act, WLAP = wastewater land application, AST = Above ground storage tank

[2] TOT = time-of-travel (in years) for a potential contaminant to reach the wellhead

[3] IOC = inorganic chemical, VOC = volatile organic chemical, SOC = synthetic organic chemical

Table A-3. Well #3, Potential Contaminant Inventory

Site #	Source Description[1]	TOT ZONE[2]	Source of Information	Potential Contaminants [3]
1, 42, 298	LUST - impact unknown, UST - open, SARA	0 - 3	Database Search	VOC, SOC
2, 51	LUST - impact unknown, UST - closed	0 - 3	Database Search	VOC, SOC
3, 306	LUST - impact unknown, SARA	0 - 3	Database Search	VOC, SOC
4, 291	UST - closed, RCRIS	0 - 3	Database Search	VOC, SOC
5, 304	UST - open, SARA	0 - 3	Database Search	IOC, VOC, SOC
6, 71, 273	UST - closed, Contractors, RCRIS	0 - 3	Database Search	VOC, SOC
7	UST - closed	0 - 3	Database Search	VOC, SOC
8	UST - closed	0 - 3	Database Search	VOC, SOC
9, 241	UST - closed, Automobile Dealers-New	0 - 3	Database Search	VOC, SOC
10	UST - open	0 - 3	Database Search	VOC, SOC
11, 212	UST - closed, Golf Course	0 - 3	Database Search	IOC, VOC, SOC
12	UST - closed	0 - 3	Database Search	IOC, VOC
13	UST - closed	0 - 3	Database Search	VOC
14, 300	UST - open, SARA	0 - 3	Database Search	VOC, SOC
15, 121	UST - open, Automobile Dealers-New	0 - 3	Database Search	VOC, SOC
16	UST - open	0 - 3	Database Search	VOC, SOC
17	UST - closed	0 - 3	Database Search	VOC, SOC
18	UST - closed	0 - 3	Database Search	VOC, SOC
19	UST - open	0 - 3	Database Search	VOC, SOC
20, 102	UST - closed, Bottlers	0 - 3	Database Search	IOC, VOC
21	UST - open	0 - 3	Database Search	VOC, SOC
22, 274	UST - open, RCRIS	0 - 3	Database Search	VOC, SOC
23	UST - open	0 - 3	Database Search	VOC, SOC
24	UST - closed	0 - 3	Database Search	VOC
25, 115	UST - closed, Steel Fabricators	0 - 3	Database Search	IOC, VOC, SOC
26	UST - open	0 - 3	Database Search	VOC, SOC
27	UST - closed	0 - 3	Database Search	VOC, SOC
28, 81	UST - open, Automobile Repair & Service	0 - 3	Database Search	IOC, VOC, SOC
29	UST - closed	0 - 3	Database Search	VOC, SOC
30, 279	UST - closed, RCRIS	0 - 3	Database Search	VOC, SOC
31	UST - open	0 - 3	Database Search	VOC, SOC
32	UST - closed	0 - 3	Database Search	VOC, SOC
33	UST - closed	0 - 3	Database Search	IOC, VOC, SOC
34, 184	UST - closed, Tire-Dealers-Retail	0 - 3	Database Search	IOC, VOC, SOC
35	UST - open	0 - 3	Database Search	VOC, SOC
36	UST - closed	0 - 3	Database Search	VOC, SOC
37	UST - closed	0 - 3	Database Search	VOC
38, 275	UST - closed, RCRIS	0 - 3	Database Search	IOC, VOC, SOC
39, 104, 276	UST - closed, Paint-Retail, RCRIS	0 - 3	Database Search	IOC, VOC, SOC
40	UST - open	0 - 3	Database Search	VOC, SOC
41, 225	UST - closed, Recreational vehicles	0 - 3	Database Search	VOC, SOC
43	UST - closed	0 - 3	Database Search	VOC
44, 234	UST - closed, Automobile Parts & Supplies	0 - 3	Database Search	VOC, SOC
45	UST - open	0 - 3	Database Search	VOC
46, 267	UST - open, Service station	0 - 3	Database Search	VOC, SOC
47	UST - closed	0 - 3	Database Search	VOC, SOC

Site #	Source Description[1]	TOT ZONE[2]	Source of Information	Potential Contaminants [3]
48	UST - closed	0 - 3	Database Search	VOC, SOC
49, 202	UST - open, Service station	0 - 3	Database Search	VOC, SOC
50, 97	UST - closed, Recreational vehicles	0 - 3	Database Search	VOC, SOC
52, 167	UST - open, General contractors	0 - 3	Database Search	IOC, VOC, SOC
53	Dairy <=200 cows	0 - 3	Database Search	IOC, SOC, Microbes
54	Janitor Service	0 - 3	Database Search	VOC, Microbes
55	Signs (Manufacturers)	0 - 3	Database Search	VOC
56	Automobile Radiator-Repairing	0 - 3	Database Search	IOC, VOC, SOC
57	Truck-Dealers-Used	0 - 3	Database Search	VOC, SOC
58	Farm Equipment (Wholesale)	0 - 3	Database Search	VOC, SOC
59	Boat Dealers	0 - 3	Database Search	VOC, SOC
60	Rental Service-Stores & Yards	0 - 3	Database Search	IOC, VOC, SOC, Microbes
61	Engines-Rebuilding & Repairing	0 - 3	Database Search	IOC, VOC, SOC
62	Potato Harvesting/Planting Equip	0 - 3	Database Search	VOC, SOC
63	Machine Shops	0 - 3	Database Search	IOC, VOC, SOC
64	Fire Damage Restoration	0 - 3	Database Search	IOC, VOC
65, 66	Veterinarians	0 - 3	Database Search	IOC, Microbes
67	Pharmaceutical Products-Wholesale	0 - 3	Database Search	IOC, VOC
68	Contractors-Equip/ Supls-Dlrs/Svc	0 - 3	Database Search	IOC, VOC, SOC
69	Satellite Equipment & Systems-Mfrs	0 - 3	Database Search	VOC, SOC
70	Hardware-Wholesale	0 - 3	Database Search	IOC, VOC, SOC
72	Landscape Contractors	0 - 3	Database Search	IOC, VOC, SOC
73	Mufflers & Exhaust Systems-Engine	0 - 3	Database Search	IOC, VOC, SOC
74	Parking Area Maintenance & Marking	0 - 3	Database Search	IOC, VOC, SOC
75	Automobile Body Shop Equip/ Supls	0 - 3	Database Search	VOC, SOC
76	Plating (Manufacturers)	0 - 3	Database Search	IOC, VOC
77	Automobile Customizing	0 - 3	Database Search	IOC, VOC, SOC
78	Automobile Repairing & Service	0 - 3	Database Search	IOC, VOC, SOC
79	Automobile Repairing & Service	0 - 3	Database Search	IOC, VOC, SOC
80	Farm Supplies (Wholesale)	0 - 3	Database Search	IOC, VOC, SOC
82	Tire-Dealers-Retail	0 - 3	Database Search	IOC, VOC, SOC
83	Motorcycles & Motor Scooters-Dealer	0 - 3	Database Search	IOC, VOC, SOC
84	Outboard Motors	0 - 3	Database Search	VOC, SOC
85	Cabinets-Manufacturers	0 - 3	Database Search	IOC, VOC, SOC
86	Seed Cleaning	0 - 3	Database Search	IOC, SOC, Microbes
87	Automobile Dealers-Used Cars	0 - 3	Database Search	VOC, SOC
88	Automobile Repairing & Service	0 - 3	Database Search	IOC, VOC, SOC
89	Automobile Repairing & Service	0 - 3	Database Search	IOC, VOC, SOC
90	Automobile Dealers-Used Cars	0 - 3	Database Search	VOC, SOC
91	Wheel Alignment-Frame & Axle Svc	0 - 3	Database Search	IOC, VOC, SOC
92	Automobile Dealers-Used Cars	0 - 3	Database Search	VOC, SOC
93	Automobile Body-Repairing & Painting	0 - 3	Database Search	IOC, VOC, SOC
94	Automobile Body-Repairing & Painting	0 - 3	Database Search	IOC, VOC, SOC
95	Automobile Parts & Supplies-Retail	0 - 3	Database Search	VOC, SOC
96	Automobile Dealers-Used Cars	0 - 3	Database Search	VOC, SOC
98	Lawn Mowers	0 - 3	Database Search	VOC
99	Landscape Contractors	0 - 3	Database Search	IOC, VOC, SOC

Site #	Source Description[1]	TOT ZONE[2]	Source of Information	Potential Contaminants [3]
100	Truck Equipment & Parts-Used (Wholesale)	0 - 3	Database Search	VOC, SOC
101	Automobile Repairing & Service	0 - 3	Database Search	IOC, VOC, SOC
103	Automobile Dealers-Used Cars	0 - 3	Database Search	VOC, SOC
105	Automobile Dealers-Used Cars	0 - 3	Database Search	VOC, SOC
106	Automobile Body-Repairing & Painting	0 - 3	Database Search	IOC, VOC, SOC
107	Automobile Dealers-Used Cars	0 - 3	Database Search	VOC, SOC
108	Shelving-Manufacturers	0 - 3	Database Search	IOC, VOC, SOC
109	Home Builders	0 - 3	Database Search	IOC, VOC, SOC
110	Automobile Repairing & Service	0 - 3	Database Search	IOC, VOC, SOC
111	Snow Removal Equipment-Retail	0 - 3	Database Search	IOC, VOC, SOC
112	Automobile Dealers-Used Cars	0 - 3	Database Search	VOC, SOC
113	Motorcycles & Motor Scooters-Dealer	0 - 3	Database Search	VOC, SOC
114	Fire Damage Restoration	0 - 3	Database Search	IOC, VOC
116	Dome Structures	0 - 3	Database Search	IOC, VOC, SOC
117	Fuel Injection Equipment (Repairing)	0 - 3	Database Search	IOC, VOC, SOC
118	Powder Coatings (Manufacturers)	0 - 3	Database Search	IOC
119	Paint-Retail	0 - 3	Database Search	IOC, VOC
120	Railroads	0 - 3	Database Search	IOC, VOC, SOC, Microbes
122	Castings-Metals	0 - 3	Database Search	IOC, VOC, SOC
123	Automobile Renting & Leasing	0 - 3	Database Search	VOC, SOC
124	Automobile Body-Repairing & Painting	0 - 3	Database Search	IOC, VOC, SOC
125	Feed-Wholesale	0 - 3	Database Search	IOC, SOC, Microbes
126	Plumbing Fixtures & Supplies-Wholesale	0 - 3	Database Search	VOC, SOC
127	Commercial Printing NEC	0 - 3	Database Search	IOC, VOC
128	Screen Printing	0 - 3	Database Search	IOC, VOC
129	Ice Cream & Frozen Desserts (Mfrs)	0 - 3	Database Search	IOC, Microbes
130	Automobile Seatcovers Tops & Upholstery	0 - 3	Database Search	VOC
131, 132, 134	Fire Departments	0 - 3	Database Search	VOC, SOC
133	Fire Damage Restoration	0 - 3	Database Search	IOC, VOC
135	Fire Protection Equipment & Supls	0 - 3	Database Search	VOC, SOC
136	Material Handling Equipment (Wholesale)	0 - 3	Database Search	VOC, SOC
137	Tire-Dealers-Retail	0 - 3	Database Search	IOC, VOC, SOC
138	Bags-Plastic (Manufacturers)	0 - 3	Database Search	IOC, VOC
139	Paving Contractors	0 - 3	Database Search	IOC, VOC, SOC
140	Building Contractors	0 - 3	Database Search	IOC, VOC, SOC
141	Paint-Retail	0 - 3	Database Search	IOC, VOC
142	Automobile Parts & Supplies-Retail	0 - 3	Database Search	VOC, SOC
143	Storage-Household & Commercial	0 - 3	Database Search	IOC, VOC, SOC, Microbes
144, 145	Roofing Contractors	0 - 3	Database Search	IOC, VOC, SOC
146	Signs (Manufacturers)	0 - 3	Database Search	VOC
147	Publishers-Periodical	0 - 3	Database Search	IOC, VOC
148	Lawn Mowers	0 - 3	Database Search	VOC, SOC
149	Chemicals (Wholesale)	0 - 3	Database Search	IOC, VOC
150	Automobile Dealers-Used Cars	0 - 3	Database Search	VOC, SOC
151, 302	Asphalt & Asphalt Products, SARA	0 - 3	Database Search	IOC, VOC, SOC
152	Barbers Equipment & Supplies-Mfrs	0 - 3	Database Search	IOC
153	Canvas Goods-Manufacturers	0 - 3	Database Search	IOC, VOC

Site #	Source Description[1]	TOT ZONE[2]	Source of Information	Potential Contaminants [3]
154	Ambulance Service	0 - 3	Database Search	VOC, SOC
155	Fire Departments	0 - 3	Database Search	VOC, SOC
156	Foundries-Steel	0 - 3	Database Search	IOC, VOC, SOC
157	Parking Area Maintenance & Marking	0 - 3	Database Search	IOC, VOC, SOC
158, 283, 297	Electrical Indstrl Apparatus NEC, RCRIS, SARA	0 - 3	Database Search	IOC, VOC, SOC
159	Livestock Auction Markets	0 - 3	Database Search	IOC, Microbes
160	Material Handling Equipment (Wholesale)	0 - 3	Database Search	IOC, VOC, SOC
161	Truck Equipment & Parts-Wholesale	0 - 3	Database Search	VOC, SOC
162	Steel Fabricators	0 - 3	Database Search	IOC, VOC, SOC
163	Cut Stone & Stone Products (Mfrs)	0 - 3	Database Search	IOC, VOC, SOC
164	Trailers-Truck (Wholesale)	0 - 3	Database Search	VOC, SOC
165	Radio/ Tv Broadcasting/Comm Equip	0 - 3	Database Search	VOC
166	Photo Finishing-Retail	0 - 3	Database Search	IOC, VOC
168	Recycling Centers (Wholesale)	0 - 3	Database Search	VOC
169	Automobile Restoratn-Antique & Classics	0 - 3	Database Search	IOC, VOC, SOC
170	Grain Elevators	0 - 3	Database Search	IOC, SOC, Microbes
171	Tire-Dealers-Retail	0 - 3	Database Search	IOC, VOC, SOC
172	Automobile Dealers-Used Cars	0 - 3	Database Search	VOC, SOC
173	Machine Shops	0 - 3	Database Search	IOC, VOC, SOC
174	Automobile Repairing & Service	0 - 3	Database Search	IOC, VOC, SOC
175	Automobile Dealers-Used Cars	0 - 3	Database Search	VOC, SOC
176	Automobile Repairing & Service	0 - 3	Database Search	IOC, VOC, SOC
177	Motorcycles & Motor Scooters-Rpr	0 - 3	Database Search	IOC, VOC, SOC
178	Automobile Parts & Supplies-Retail	0 - 3	Database Search	VOC, SOC
179	Painters	0 - 3	Database Search	IOC, VOC
180	Motorcycles & Motor Scooters-Dealer	0 - 3	Database Search	VOC, SOC
181	Dresses-Manufacturers	0 - 3	Database Search	VOC
182	Stereophonic & High Fidelity Eqpt	0 - 3	Database Search	VOC
183	Lawn Maintenance	0 - 3	Database Search	IOC, SOC, Microbes
185	Welding Equipment & Supplies (Wholesale)	0 - 3	Database Search	IOC, VOC, SOC
186	Automobile Body-Repairing & Painting	0 - 3	Database Search	IOC, VOC, SOC
187	Wrecker Service	0 - 3	Database Search	IOC, VOC, SOC
188	Sportswear-Mens-Manufacturers	0 - 3	Database Search	VOC
189	Automobile Repairing & Service	0 - 3	Database Search	IOC, VOC, SOC
190	Ornamental Metal Work (Manufacturer)	0 - 3	Database Search	IOC, VOC
191	Mufflers & Exhaust Systems-Engine	0 - 3	Database Search	VOC, SOC
192	Movers	0 - 3	Database Search	VOC, SOC
193	Mufflers & Exhaust Systems-Engine	0 - 3	Database Search	VOC, SOC
194, 285	Cleaners, RCRIS	0 - 3	Database Search	VOC
195	Automobile Parts & Supplies-Retail	0 - 3	Database Search	VOC, SOC
196	Cleaning Compounds-Manufacturers	0 - 3	Database Search	VOC
197	Automobile Repairing & Service	0 - 3	Database Search	IOC, VOC, SOC
198	Plastics-Vacuum/Pressure Forming	0 - 3	Database Search	IOC, VOC, SOC
199	Tire-Retreading & Repairing	0 - 3	Database Search	IOC, VOC, SOC
200	Photographers-Portrait	0 - 3	Database Search	IOC, VOC
201	General Contractors	0 - 3	Database Search	IOC, VOC, SOC
203	Photo Finishing-Retail	0 - 3	Database Search	IOC, VOC

Site #	Source Description[1]	TOT ZONE[2]	Source of Information	Potential Contaminants [3]
204	Recycling Centers (Wholesale)	0 - 3	Database Search	VOC
205	Brake Service	0 - 3	Database Search	IOC, VOC, SOC
206	Automobile Repairing & Service	0 - 3	Database Search	IOC, VOC, SOC
207	Drapery & Curtain Cleaners	0 - 3	Database Search	VOC
208	Automobile Parts & Supplies-Retail	0 - 3	Database Search	VOC, SOC
209	Remodeling/Repairing Bldg Contractor	0 - 3	Database Search	IOC, VOC, SOC
210	Automobile Machine Shop Service	0 - 3	Database Search	IOC, VOC, SOC
211	Motorcycles & Motor Scooters-Supply	0 - 3	Database Search	VOC, SOC
213	Home Builders	0 - 3	Database Search	IOC, VOC, SOC
214, 299	Farm Equipment (Wholesale), SARA	0 - 3	Database Search	VOC, SOC
215	Printers	0 - 3	Database Search	IOC, VOC
216	Newspapers (Publishers)	0 - 3	Database Search	IOC, VOC
217, 219	Boat Repairing	0 - 3	Database Search	IOC, VOC, SOC
218	Automobile Body-Repairing & Painting	0 - 3	Database Search	IOC, VOC, SOC
220	Printers	0 - 3	Database Search	IOC, VOC
221	Trucking-Liquid & Dry Bulk	0 - 3	Database Search	VOC, SOC
222	Automobile Body-Repairing & Painting	0 - 3	Database Search	IOC, VOC, SOC
223	Farms	0 - 3	Database Search	IOC, SOC, Microbes
224	Trailers-Camping & Travel	0 - 3	Database Search	VOC, SOC
226, 227	Automobile Parts & Supplies-Retail	0 - 3	Database Search	VOC, SOC
228	Automobile Dealers-New Cars	0 - 3	Database Search	VOC, SOC
229	Recreational Vehicles	0 - 3	Database Search	VOC, SOC
230, 231	Automobile Dealers-New Cars	0 - 3	Database Search	VOC, SOC
232	Automobile Parts-Used & Rebuilt	0 - 3	Database Search	VOC, SOC
233	Bicycles-Dealers	0 - 3	Database Search	VOC, SOC
235	Truck Renting & Leasing	0 - 3	Database Search	VOC, SOC
236	Automobile Body-Repairing & Painting	0 - 3	Database Search	IOC, VOC, SOC
237	Printers	0 - 3	Database Search	IOC, VOC
238	Machine Tools (Wholesale)	0 - 3	Database Search	VOC, SOC
239	Campgrounds	0 - 3	Database Search	IOC, VOC, SOC, Microbes
240	Bicycles-Dealers	0 - 3	Database Search	VOC, SOC
242	Signs (Manufacturers)	0 - 3	Database Search	VOC
243	Automobile Dealers-New Cars	0 - 3	Database Search	VOC, SOC
244, 289	Truck-Repairing & Service, RCRIS	0 - 3	Database Search	IOC, VOC, SOC
245	Chemicals (Wholesale)	0 - 3	Database Search	IOC, VOC, SOC, Microbes
246	Transmissions-Truck Tractor Etc	0 - 3	Database Search	IOC, VOC, SOC
247	Paint-Retail	0 - 3	Database Search	IOC, VOC, SOC
248	Service Stations-Gasoline & Oil	0 - 3	Database Search	VOC, SOC
249	Photographers-Portrait	0 - 3	Database Search	IOC, VOC
250	Concrete Contractors	0 - 3	Database Search	IOC, VOC, SOC
251	Carpet & Rug Cleaners	0 - 3	Database Search	VOC
252	Painters	0 - 3	Database Search	IOC, VOC, SOC
253	Automobile Detail & Clean-Up Service	0 - 3	Database Search	IOC, VOC, SOC
254	General Contractors	0 - 3	Database Search	IOC, VOC, SOC
255	Recycling Centers (Wholesale)	0 - 3	Database Search	VOC
256	Pet Services	0 - 3	Database Search	IOC, Microbes
257	Hydraulic Equipment & Supplies	0 - 3	Database Search	VOC, SOC

Site #	Source Description[1]	TOT ZONE[2]	Source of Information	Potential Contaminants [3]
258	Automobile Renting & Leasing	0 - 3	Database Search	VOC, SOC
259	Truck Renting & Leasing	0 - 3	Database Search	VOC, SOC
260	Microfilming Service Equipment	0 - 3	Database Search	VOC
261	Automobile Repairing & Service	0 - 3	Database Search	IOC, VOC, SOC
262	Trucking-Heavy Hauling	0 - 3	Database Search	VOC, SOC
263	Wheels	0 - 3	Database Search	VOC
264	Automobile Dealers-Used Cars	0 - 3	Database Search	VOC, SOC
265	Roofing Contractors	0 - 3	Database Search	IOC, VOC, SOC
266	Service Stations-Gasoline & Oil	0 - 3	Database Search	VOC, SOC
268	Automobile Lubrication Service	0 - 3	Database Search	VOC, SOC
269	Printers	0 - 3	Database Search	IOC, VOC
270	NPDES	0 - 3	Database Search	IOC, Microbes
271	CERCLA	0 - 3	Database Search	IOC, VOC, SOC
272	CERCLA	0 - 3	Database Search	IOC, VOC, SOC
277	RCRIS	0 - 3	Database Search	VOC
278	RCRIS	0 - 3	Database Search	IOC, VOC, SOC
280	RCRIS	0 - 3	Database Search	IOC, VOC, SOC
281	RCRIS	0 - 3	Database Search	IOC, VOC, SOC
282	RCRIS	0 - 3	Database Search	VOC, SOC
284	RCRIS	0 - 3	Database Search	IOC, VOC, SOC
286	RCRIS	0 - 3	Database Search	IOC, VOC, SOC
287	RCRIS	0 - 3	Database Search	IOC, VOC, SOC
288	RCRIS	0 - 3	Database Search	IOC, VOC, SOC
290	RCRIS	0 - 3	Database Search	IOC, VOC, SOC
292	Sand and gravel pit	0 - 3	Database Search	IOC
293	Sand and gravel pit	0 - 3	Database Search	IOC
294	Sand and gravel pit	0 - 3	Database Search	IOC
295	Deep injection well	0 - 3	Database Search	IOC, VOC, SOC, Microbes
296	SARA	0 - 3	Database Search	VOC
301	SARA	0 - 3	Database Search	IOC, SOC, Microbes
303	SARA	0 - 3	Database Search	IOC, VOC
305	SARA	0 - 3	Database Search	IOC, VOC, SOC, Microbes
307	Recharge point	0 - 3	Database Search	IOC, VOC, SOC, Microbes
308	Recharge point	0 - 3	Database Search	IOC, VOC, SOC, Microbes
309	Recharge point	0 - 3	Database Search	IOC, VOC, SOC, Microbes
310	WLAP site	0 - 3	Database Search	IOC, VOC, SOC, Microbes
	Highway 26	0 - 3	GIS Map	IOC, VOC, SOC, Microbes
	Highway 191	0 - 3	GIS Map	IOC, VOC, SOC, Microbes
	Union Pacific Railroad	0 - 3	GIS Map	IOC, VOC, SOC, Microbes

[1] UST = underground storage tank, LUST = leaking underground storage tank, RCRIS = Resource Conservation Recovery Act, NPDES = National Pollutant Discharge Elimination System, CERCLA = Comprehensive Environmental Response Compensation and Liability Act, SARA = Superfund Amendments and Reauthorization Act, WLAP = wastewater land application,

[2] TOT = time-of-travel (in years) for a potential contaminant to reach the wellhead

[3] IOC = inorganic chemical, VOC = volatile organic chemical, SOC = synthetic organic chemical

Table A-4. Well #4, Potential Contaminant Inventory

Site #	Source Description[1]	TOT ZONE[2]	Source of Information	Potential Contaminants [3]
1, 5, 116	LUST - impact unknown, UST - closed, RCRIS	0 - 3	Database Search	VOC, SOC
2, 24	LUST - impact unknown, UST - closed	0 - 3	Database Search	VOC, SOC
3, 38, 112	UST - closed, Contractors, RCRIS	0 - 3	Database Search	IOC, VOC, SOC
4	UST - closed	0 - 3	Database Search	VOC, SOC
6, 83	UST - closed, Golf Course	0 - 3	Database Search	IOC, VOC, SOC
7	UST - closed	0 - 3	Database Search	VOC, SOC
8, 125	UST - open, SARA	0 - 3	Database Search	VOC, SOC
9, 91	UST - closed, Irrigation systems	0 - 3	Database Search	VOC, SOC
10	UST - closed	0 - 3	Database Search	VOC, SOC
11	UST - closed	0 - 3	Database Search	VOC, SOC
12	UST - open	0 - 3	Database Search	VOC, SOC
13, 53	UST - closed, Steel Fabricators	0 - 3	Database Search	IOC, VOC, SOC
14	UST - open	0 - 3	Database Search	VOC, SOC
15	UST - closed	0 - 3	Database Search	VOC, SOC
16	UST - open	0 - 3	Database Search	VOC, SOC
17	UST - closed	0 - 3	Database Search	VOC, SOC
18	UST - open	0 - 3	Database Search	VOC, SOC
19	UST - closed	0 - 3	Database Search	VOC, SOC
20, 114	UST - closed, RCRIS	0 - 3	Database Search	IOC, VOC, SOC
21	UST - open	0 - 3	Database Search	VOC, SOC
22, 93	UST - closed, Recreational Vehicles	0 - 3	Database Search	VOC, SOC
23	UST - open	0 - 3	Database Search	VOC, SOC
25, 68	UST - open, General Contractors	0 - 3	Database Search	VOC, SOC
26	Dairy <= 200 cows	0 - 3	Database Search	IOC, SOC, Microbes
27, 122	Potatoes-Processed, SARA	0 - 3	Database Search	IOC, SOC, Microbes
28	Signs (Manufacturers)	0 - 3	Database Search	VOC
29	Truck-Dealers-Used	0 - 3	Database Search	VOC, SOC
30	Farm Equipment (Wholesale)	0 - 3	Database Search	VOC, SOC
31	Boat Dealers	0 - 3	Database Search	VOC, SOC
32	Rental Service-Stores & Yards	0 - 3	Database Search	IOC, VOC, SOC
33	Farm Equipment (Wholesale)	0 - 3	Database Search	IOC, SOC
34	Machine Shops	0 - 3	Database Search	IOC, VOC, SOC
35	Fire Damage Restoration	0 - 3	Database Search	IOC, VOC
36	Satellite Equipment & Systems-Mfrs	0 - 3	Database Search	VOC, SOC
37	Hardware-Wholesale	0 - 3	Database Search	VOC, SOC
39	Farm Supplies (Wholesale)	0 - 3	Database Search	IOC, VOC, SOC
40	Outboard Motors	0 - 3	Database Search	VOC, SOC
41	Cabinets-Manufacturers	0 - 3	Database Search	VOC, SOC
42	Automobile Radiator-Repairing	0 - 3	Database Search	IOC, VOC, SOC
43	Seed Cleaning	0 - 3	Database Search	IOC, SOC, Microbes
44	Automobile Repairing & Service	0 - 3	Database Search	IOC, VOC, SOC
45	Automobile Dealers-Used Cars	0 - 3	Database Search	VOC, SOC
46	Automobile Body-Repairing & Painting	0 - 3	Database Search	IOC, VOC, SOC
47	Automobile Body-Repairing & Painting	0 - 3	Database Search	IOC, VOC, SOC
48	Truck Equipment & Parts-Used (Wholesale)	0 - 3	Database Search	IOC, VOC, SOC
49	Automobile Body-Repairing & Painting	0 - 3	Database Search	IOC, VOC, SOC

Site #	Source Description[1]	TOT ZONE[2]	Source of Information	Potential Contaminants [3]
50	Snow Removal Equipment-Retail	0 - 3	Database Search	IOC, VOC, SOC
51	Motorcycles & Motor Scooters-Dealer	0 - 3	Database Search	VOC, SOC
52	Fire Damage Restoration	0 - 3	Database Search	IOC, VOC
54	Dome Structures	0 - 3	Database Search	IOC, VOC, SOC
55	Powder Coatings (Manufacturers)	0 - 3	Database Search	IOC
56	Machine Shops	0 - 3	Database Search	IOC, VOC, SOC
57	Nurserymen	0 - 3	Database Search	IOC, SOC, Microbes
58	Castings-Metals	0 - 3	Database Search	IOC, VOC, SOC
59	Automobile Renting & Leasing	0 - 3	Database Search	VOC, SOC
60	Paving Contractors	0 - 3	Database Search	IOC, VOC, SOC
61	Signs (Manufacturers)	0 - 3	Database Search	VOC
62	Roofing Contractors	0 - 3	Database Search	IOC, VOC, SOC
63	Contractors-Equip/ Supls-Dlrs/Svc	0 - 3	Database Search	IOC, VOC, SOC
64	Barbers Equipment & Supplies-Mfrs	0 - 3	Database Search	IOC
65	Material Handling Equipment (Wholesale)	0 - 3	Database Search	IOC, VOC, SOC
66	Cut Stone & Stone Products (Mfrs)	0 - 3	Database Search	IOC, VOC, SOC
67, 90	Snow Removal Service,	0 - 3	Database Search	IOC, VOC, SOC
69	Recycling Centers (Wholesale)	0 - 3	Database Search	VOC
70	Automobile Restoratn-Antique & Classics	0 - 3	Database Search	IOC, VOC, SOC
71	Motorcycles & Motor Scooters-Rpr	0 - 3	Database Search	IOC, VOC, SOC
72	Motorcycles & Motor Scooters-Dealer	0 - 3	Database Search	VOC, SOC
73	Welding Equipment & Supplies (Wholesale)	0 - 3	Database Search	IOC, VOC, SOC
74	Drilling & Boring Contractors	0 - 3	Database Search	IOC, VOC, SOC
75	Mufflers & Exhaust Systems-Engine	0 - 3	Database Search	IOC, VOC, SOC
76	Storage-Household & Commercial	0 - 3	Database Search	IOC, VOC, SOC
77	Cleaning Compounds-Manufacturers	0 - 3	Database Search	IOC, VOC
78, 103	Veterinarians	0 - 3	Database Search	IOC, Microbes
79	Plastics-Vacuum/Pressure Forming	0 - 3	Database Search	IOC, VOC, SOC
80	Tire-Retreading & Repairing	0 - 3	Database Search	IOC, VOC, SOC
81	General Contractors	0 - 3	Database Search	IOC, VOC, SOC
82	Remodeling/Repairing Bldg Contract	0 - 3	Database Search	IOC, VOC, SOC
84	Home Builders	0 - 3	Database Search	IOC, VOC, SOC
85, 124	Farm Equipment (Wholesale), SARA	0 - 3	Database Search	VOC, SOC
86, 87	Boat Repairing	0 - 3	Database Search	IOC, VOC, SOC
88	Trucking-Liquid & Dry Bulk	0 - 3	Database Search	IOC, VOC, SOC
89	Relays & Industrial Controls (Mfrs)	0 - 3	Database Search	IOC, VOC
92	Rental Service-Stores & Yards	0 - 3	Database Search	IOC, VOC, SOC, Microbes
94	Four Wheel Drive-Repairing & Service	0 - 3	Database Search	IOC, VOC, SOC
95	Storage-Household & Commercial	0 - 3	Database Search	IOC, VOC, SOC, Microbes
96	Recreational Vehicles	0 - 3	Database Search	VOC, SOC
97	Truck Renting & Leasing	0 - 3	Database Search	VOC, SOC
98	Bicycles-Dealers	0 - 3	Database Search	IOC
99	Chemicals (Wholesale)	0 - 3	Database Search	IOC, VOC, SOC, Microbes
100	Alternators & Starters-Marine (Mfr)	0 - 3	Database Search	VOC, SOC
101	Automobile Repairing & Service	0 - 3	Database Search	IOC, VOC, SOC
102	Service Stations-Gasoline & Oil	0 - 3	Database Search	VOC, SOC
104	Concrete Contractors	0 - 3	Database Search	IOC, VOC, SOC

Site #	Source Description[1]	TOT ZONE[2]	Source of Information	Potential Contaminants [3]
105	Newspapers (Publishers)	0 - 3	Database Search	IOC, VOC
106	Recycling Centers (Wholesale)	0 - 3	Database Search	VOC
107	Hydraulic Equipment & Supplies (Wholesale)	0 - 3	Database Search	VOC, SOC
108	Government-Forestry Services	0 - 3	Database Search	IOC, VOC, SOC
109	Service Stations-Gasoline & Oil	0 - 3	Database Search	VOC, SOC
110	NPDES	0 - 3	Database Search	IOC, Microbes
111	CERCLA	0 - 3	Database Search	VOC, SOC
113	RCRIS	0 - 3	Database Search	IOC, VOC, SOC, Microbes
115	RCRIS	0 - 3	Database Search	IOC, VOC, SOC
117	RCRIS	0 - 3	Database Search	IOC, VOC, SOC, Microbes
118	RCRIS	0 - 3	Database Search	IOC, VOC, SOC, Microbes
119	Sand and gravel pit	0 - 3	Database Search	IOC
120	Sand and gravel pit	0 - 3	Database Search	IOC
121	Sand and gravel pit	0 - 3	Database Search	IOC
123	SARA	0 - 3	Database Search	VOC
126	SARA	0 - 3	Database Search	IOC, SOC, Microbes
127	SARA	0 - 3	Database Search	IOC, VOC, SOC
128	SARA	0 - 3	Database Search	IOC, VOC, SOC, Microbes
129	Recharge point	0 - 3	Database Search	IOC, VOC, SOC, Microbes
130	Recharge point	0 - 3	Database Search	IOC, VOC, SOC, Microbes
131	Recharge point	0 - 3	Database Search	IOC, VOC, SOC, Microbes
132	Recharge point	0 - 3	Database Search	IOC, VOC, SOC, Microbes
133	WLAP site	0 - 3	Database Search	IOC, VOC, SOC, Microbes
	Highway 26	0 - 3	GIS Map	IOC, VOC, SOC, Microbes
	Highway 191	0 - 3	GIS Map	IOC, VOC, SOC, Microbes
	Union Pacific Railroad	0 - 3	GIS Map	IOC, VOC, SOC, Microbes
	Idaho Canal	0 - 3	GIS Map	IOC, VOC, SOC, Microbes
	Snake River	3 - 10	GIS Map	IOC, VOC, SOC, Microbes

[1] UST = underground storage tank, LUST = leaking underground storage tank, RCRIS = Resource Conservation Recovery Act, NPDES = National Pollutant Discharge Elimination System, CERCLA = Comprehensive Environmental Response Compensation and Liability Act, SARA = Superfund Amendments and Reauthorization Act, WLAP = wastewater land application, AST = Above ground storage tank

[2] TOT = time-of-travel (in years) for a potential contaminant to reach the wellhead

[3] IOC = inorganic chemical, VOC = volatile organic chemical, SOC = synthetic organic chemical

Table A-5. Well #5, Potential Contaminant Inventory

Site #	Source Description[1]	TOT ZONE[2]	Source of Information	Potential Contaminants [3]
1, 5	LUST - impact ground water, UST - closed	0 - 3	Database Search	VOC, SOC
2	LUST - impact unknown	0 - 3	Database Search	VOC, SOC
3, 20	LUST - impact unknown, Truck transport	0 - 3	Database Search	VOC, SOC
4	UST - open	0 - 3	Database Search	VOC, SOC
6	UST - closed	0 - 3	Database Search	VOC, SOC
7	UST - closed	0 - 3	Database Search	VOC, SOC
8, 95, 117	UST - open, Gas station, SARA	0 - 3	Database Search	VOC, SOC
9, 84	UST - closed, Irrigation systems	0 - 3	Database Search	VOC, SOC
10	UST - closed	0 - 3	Database Search	VOC, SOC
11	UST - closed	0 - 3	Database Search	VOC, SOC
12	UST - open	0 - 3	Database Search	VOC, SOC
13	UST - open	0 - 3	Database Search	VOC, SOC
14	UST - closed	0 - 3	Database Search	VOC, SOC
15	UST - open	0 - 3	Database Search	VOC, SOC
16	UST - open	0 - 3	Database Search	VOC, SOC
17	UST - open	0 - 3	Database Search	VOC, SOC
18	UST - closed	0 - 3	Database Search	VOC, SOC
19	UST - closed	0 - 3	Database Search	VOC, SOC
21	Dairy <=200 cows	0 - 3	Database Search	IOC, SOC, Microbial
22	Dairy <=200 cows	0 - 3	Database Search	IOC, SOC, Microbial
23, 114	Potato processing, SARA	0 - 3	Database Search	IOC, SOC, Microbial
24	Storage-Household & Commercial	0 - 3	Database Search	IOC, VOC, SOC
25	Truck-Dealers-Used	0 - 3	Database Search	VOC, SOC
26	Farm Equipment (Wholesale)	0 - 3	Database Search	IOC, SOC
27	Machine Shops	0 - 3	Database Search	IOC, VOC, SOC
28	Bicycles-Dealers	0 - 3	Database Search	VOC
29	Automobile Renting & Leasing	0 - 3	Database Search	VOC, SOC
30	Plumbing Drain & Sewer Cleaning	0 - 3	Database Search	IOC, VOC
31	General Contractors	0 - 3	Database Search	IOC, VOC, SOC
32	Carpet & Rug Cleaners	0 - 3	Database Search	IOC, VOC
33	Bicycles-Dealers	0 - 3	Database Search	VOC
34	Cabinets-Manufacturers	0 - 3	Database Search	IOC, VOC, SOC
35	Automobile Radiator-Repairing	0 - 3	Database Search	IOC, VOC, SOC
36	Seed Cleaning	0 - 3	Database Search	IOC, SOC, Microbial
37	Automobile Repairing & Service	0 - 3	Database Search	IOC, VOC, SOC
38	Automobile Dealers-Used Cars	0 - 3	Database Search	VOC, SOC
39	Automobile Body-Repairing & Painting	0 - 3	Database Search	IOC, VOC, SOC
40	Newspapers (Publishers)	0 - 3	Database Search	IOC, VOC
41	Car Washing & Polishing	0 - 3	Database Search	IOC, VOC, SOC
42	Automobile Body-Repairing & Painting	0 - 3	Database Search	IOC, VOC, SOC
43	Store Fronts	0 - 3	Database Search	VOC
44	Truck Equipment & Parts-Used (Wholesale)	0 - 3	Database Search	VOC, SOC
45	Automobile Repairing & Service	0 - 3	Database Search	IOC, VOC, SOC
46	Welding	0 - 3	Database Search	IOC, VOC, SOC
47	Lawn Mowers-Sharpening & Repairing	0 - 3	Database Search	VOC
48	Motorcycles & Motor Scooters-Dealer	0 - 3	Database Search	VOC, SOC

Site #	Source Description[1]	TOT ZONE[2]	Source of Information	Potential Contaminants [3]
49	Converted Paper/Paperbrd Prod NEC-	0 - 3	Database Search	IOC, VOC, SOC
50	Dome Structures	0 - 3	Database Search	IOC, VOC, SOC
51	Taxicabs	0 - 3	Database Search	VOC, SOC
52	Machine Shops	0 - 3	Database Search	IOC, VOC, SOC
53	Nurserymen	0 - 3	Database Search	IOC, SOC, Microbial
54	Castings-Metals	0 - 3	Database Search	IOC, VOC, SOC
55	Plants-Interior Design & Maintenance	0 - 3	Database Search	IOC, SOC
56	Water & Sewage Companies-Utility	0 - 3	Database Search	IOC, VOC
57	Signs (Manufacturers)	0 - 3	Database Search	VOC
58	General Contractors	0 - 3	Database Search	IOC, VOC, SOC
59, 60	Roofing Contractors	0 - 3	Database Search	IOC, VOC, SOC
61	Janitor Service	0 - 3	Database Search	VOC, Microbial
62	Water & Sewage Companies-Utility	0 - 3	Database Search	IOC, VOC
63	Material Handling Equipment (Whol)	0 - 3	Database Search	IOC, VOC, SOC
64	Cut Stone & Stone Products (Mfrs)	0 - 3	Database Search	IOC, VOC, SOC
65, 83	Snow Removal Service, Retail	0 - 3	Database Search	IOC, VOC, SOC
66	Trailer-Manufacturers	0 - 3	Database Search	IOC, VOC, SOC
67	Sewage Disposal Systems	0 - 3	Database Search	IOC, VOC, SOC, Microbial
68	Publishers-Periodical	0 - 3	Database Search	IOC, VOC
69	Motorcycles & Motor Scooters-Dealer	0 - 3	Database Search	VOC, SOC
70	Paving Contractors	0 - 3	Database Search	IOC, VOC, SOC
71	Transmissions-Automobile	0 - 3	Database Search	IOC, VOC, SOC
72	Wheel Alignment-Frame & Axle Svc	0 - 3	Database Search	IOC, VOC, SOC
73	Welding Equipment & Supplies (Wholesale)	0 - 3	Database Search	IOC, VOC, SOC
74	Drilling & Boring Contractors	0 - 3	Database Search	IOC, VOC, SOC
75	Ornamental Metal Work (Manufacturer)	0 - 3	Database Search	IOC, VOC, SOC
76	Storage-Household & Commercial	0 - 3	Database Search	IOC, VOC, SOC, Microbial
77	Wrecker Service	0 - 3	Database Search	IOC, VOC, SOC
78	Cleaning Compounds-Manufacturers	0 - 3	Database Search	VOC
79	Tire-Retreading & Repairing	0 - 3	Database Search	IOC, VOC, SOC
80	Plastics-High Pressure Laminates	0 - 3	Database Search	IOC, SOC
81	Trucking-Liquid & Dry Bulk	0 - 3	Database Search	IOC, VOC, SOC
82	Relays & Industrial Controls (Mfrs)	0 - 3	Database Search	IOC, VOC
85	Rental Service-Stores & Yards	0 - 3	Database Search	IOC, VOC, SOC, Microbial
86	Four Wheel Drive-Repairing & Service	0 - 3	Database Search	IOC, VOC, SOC
87	Landscape Contractors	0 - 3	Database Search	IOC, SOC, Microbial
88	General Contractors	0 - 3	Database Search	IOC, VOC, SOC
89	Recreational Vehicles	0 - 3	Database Search	VOC, SOC
90, 116	Fertilizers (Wholesale), SARA	0 - 3	Database Search	IOC, SOC
91	Chemicals (Wholesale)	0 - 3	Database Search	IOC, VOC, SOC, Microbial
92	Photographers-Portrait	0 - 3	Database Search	IOC, VOC
93	Washers-Pressure	0 - 3	Database Search	VOC
94	Alternators & Starters-Marine (Mfr)	0 - 3	Database Search	IOC, VOC, SOC
96	Concrete Contractors	0 - 3	Database Search	IOC, VOC, SOC
97	Automobile Repairing & Service	0 - 3	Database Search	IOC, VOC, SOC
98	Cleaners	0 - 3	Database Search	VOC
99	Hydraulic Equipment & Supplies (Wholesale)	0 - 3	Database Search	VOC, SOC

Site #	Source Description[1]	TOT ZONE[2]	Source of Information	Potential Contaminants [3]
100	Truck Renting & Leasing	0 - 3	Database Search	VOC, SOC
101	Government-Forestry Services	0 - 3	Database Search	IOC, VOC, SOC
102	General Contractors	0 - 3	Database Search	IOC, VOC, SOC
103	NPDES	0 - 3	Database Search	IOC, Microbial
104	NPDES	0 - 3	Database Search	IOC, Microbial
105	CERCLA	0 - 3	Database Search	VOC, SOC
106	RCRIS	0 - 3	Database Search	IOC, VOC, SOC
107	RCRIS	0 - 3	Database Search	IOC, VOC, SOC
108	Sand and gravel pit	0 - 3	Database Search	IOC
109	Sand and gravel pit	0 - 3	Database Search	IOC
110	Sand and gravel pit	0 - 3	Database Search	IOC
111	Deep injection well	0 - 3	Database Search	IOC, VOC, SOC, Microbial
112	Deep injection well	0 - 3	Database Search	IOC, VOC, SOC, Microbial
113	Deep injection well	0 - 3	Database Search	IOC, VOC, SOC, Microbial
115	SARA	0 - 3	Database Search	VOC
118	SARA	0 - 3	Database Search	IOC, SOC, Microbial
119	Recharge point	0 - 3	Database Search	IOC, VOC, SOC
120	Recharge point	0 - 3	Database Search	IOC, VOC, SOC
121	Recharge point	0 - 3	Database Search	IOC, VOC, SOC
122	Recharge point	0 - 3	Database Search	IOC, VOC, SOC
123	Group1	0 - 3	Database Search	SOC
124	WLAP	0 - 3	Database Search	IOC, VOC, SOC, Microbial
125	Landfill	0 - 3	Database Search	IOC, VOC, SOC
	Highway 26	0 - 3	GIS Map	IOC, VOC, SOC, Microbes
	Highway 191	0 - 3	GIS Map	IOC, VOC, SOC, Microbes
	Union Pacific Railroad	0 - 3	GIS Map	IOC, VOC, SOC, Microbes
	Idaho Canal	0 - 3	GIS Map	IOC, VOC, SOC, Microbes
126	Dairy <=200 cows	3 - 6	Database Search	IOC
	Snake River	3 - 10	GIS Map	IOC, VOC, SOC, Microbes

[1] UST = underground storage tank, LUST = leaking underground storage tank, RCRIS = Resource Conservation Recovery Act, NPDES = National Pollutant Discharge Elimination System, CERCLA = Comprehensive Environmental Response Compensation and Liability Act, SARA = Superfund Amendments and Reauthorization Act, WLAP = wastewater land application, AST = Above ground storage tank

[2] TOT = time-of-travel (in years) for a potential contaminant to reach the wellhead

[3] IOC = inorganic chemical, VOC = volatile organic chemical, SOC = synthetic organic chemical

Figure 7. City of Idaho Falls Delineation Map and Potential Contaminant Source Locations

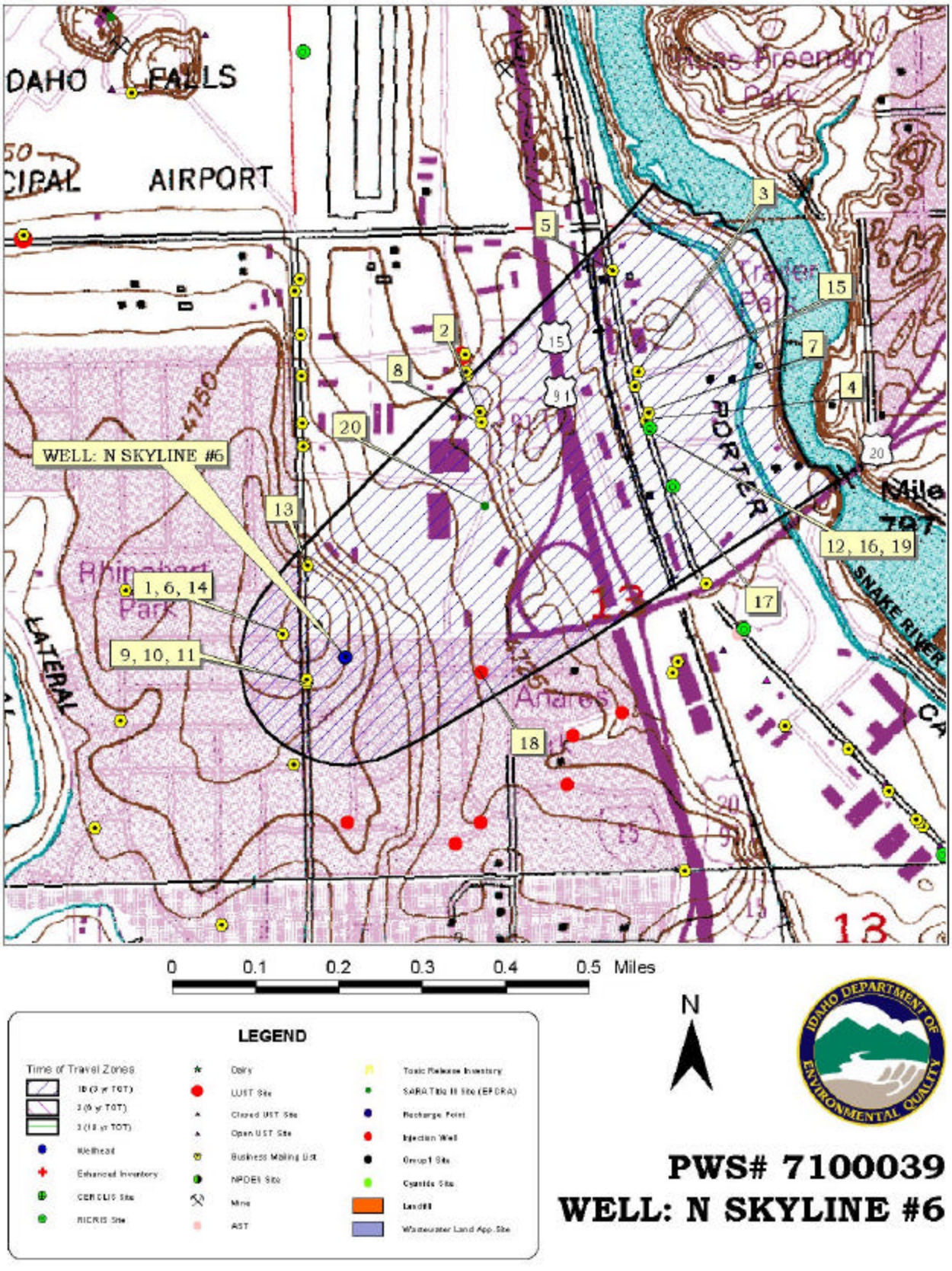

Table A-6. Well #6, Potential Contaminant Inventory

Site #	Source Description[1]	TOT ZONE[2]	Source of Information	Potential Contaminants [3]
1	UST - open	0 - 3	Database Search	VOC, SOC
2	General Contractors	0 - 3	Database Search	IOC, VOC, SOC
3	Metal Fabricators	0 - 3	Database Search	IOC, VOC, SOC
4	Automobile Repairing & Service	0 - 3	Database Search	IOC, VOC, SOC
5	Grain-Dealers (Wholesale)	0 - 3	Database Search	IOC, SOC, Microbes
6	Service Stations	0 - 3	Database Search	VOC, SOC
7	Campgrounds	0 - 3	Database Search	IOC, VOC, SOC, Microbes
8	Movers	0 - 3	Database Search	VOC, SOC
9, 10	General Contractors	0 - 3	Database Search	IOC, VOC, SOC
11	Laboratories - Dental	0 - 3	Database Search	IOC, VOC, SOC, Microbes
12, 16, 19	Buses-Charter & Rental, RCRIS, SARA	0 - 3	Database Search	VOC, SOC
13	Automobile Repairing & Service	0 - 3	Database Search	IOC, VOC, SOC
14	Truck Renting & Leasing	0 - 3	Database Search	VOC, SOC
15	Disinfectants & Germicides	0 - 3	Database Search	IOC, SOC, Microbes
17	RCRIS	0 - 3	Database Search	IOC, VOC, SOC, Microbes
18	Deep injection well	0 - 3	Database Search	IOC, VOC, SOC, Microbes
20	SARA	0 - 3	Database Search	IOC, VOC, SOC
	Highway 15/91	0 - 3	GIS Map	IOC, VOC, SOC, Microbes
	Porter Canal	0 - 3	GIS Map	IOC, VOC, SOC, Microbes
	Snake River	3 - 10	GIS Map	IOC, VOC, SOC, Microbes

[1] UST = underground storage tank, RCRIS = Resource Conservation Recovery Act, SARA = Superfund Amendments and Reauthorization Act

[2] TOT = time-of-travel (in years) for a potential contaminant to reach the wellhead

[3] IOC = inorganic chemical, VOC = volatile organic chemical, SOC = synthetic organic chemical

Table A-7. Well #7, Potential Contaminant Inventory

Site #	Source Description[1]	TOT ZONE[2]	Source of Information	Potential Contaminants [3]
1	UST - closed	0 - 3	Database Search	IOC, VOC, SOC
2	Dairy <=200 cows	0 - 3	Database Search	IOC, SOC, Microbes
3	Dairy <=200 cows	0 - 3	Database Search	IOC, SOC, Microbes
4	Dairy <=200 cows	0 - 3	Database Search	IOC, SOC, Microbes
5	Dairy <=200 cows	0 - 3	Database Search	IOC, SOC, Microbes
6	Dairy <=200 cows	0 - 3	Database Search	IOC, SOC, Microbes
7, 18	Potato Processing, SARA	0 - 3	Database Search	IOC, SOC, Microbes
8	Paving Contractor	0 - 3	Database Search	IOC, VOC, SOC
9	Automobile Body-Repairing & Painting	0 - 3	Database Search	IOC, VOC, SOC
10	Tile-Ceramic-Contractor	0 - 3	Database Search	IOC, VOC, SOC
11	General Contractors	0 - 3	Database Search	IOC, VOC, SOC
12	General Contractors	0 - 3	Database Search	IOC, VOC, SOC
13	NPDES	0 - 3	Database Search	IOC, Microbes
14	Sand and gravel pit	0 - 3	Database Search	IOC
15	Sand and gravel pit	0 - 3	Database Search	IOC
16	Sand and gravel pit	0 - 3	Database Search	IOC
17	Deep injection well	0 - 3	Database Search	IOC, VOC, SOC, Microbes
19	SARA	0 - 3	Database Search	IOC, VOC
20	Recharge point - unused	0 - 3	Database Search	IOC, VOC, SOC
21	Recharge point - unused	0 - 3	Database Search	IOC, VOC, SOC
22	Recharge point - unused	0 - 3	Database Search	IOC, VOC, SOC
23	Recharge point - unused	0 - 3	Database Search	IOC, VOC, SOC
24	Recharge point - unused	0 - 3	Database Search	IOC, VOC, SOC
25	WLAP site	0 - 3	Database Search	IOC, VOC, SOC, Microbes
26	Landfill	0 - 3	Database Search	IOC, VOC, SOC, Microbes
	Highway 26	0 - 3	GIS Map	IOC, VOC, SOC, Microbes
	Highway 191	0 - 3	GIS Map	IOC, VOC, SOC, Microbes
	Union Pacific Railroad	0 - 3	GIS Map	IOC, VOC, SOC, Microbes
	West Cutter Canal	0 - 3	GIS Map	IOC, VOC, SOC, Microbes
	Snake River	3 - 10	GIS Map	IOC, VOC, SOC, Microbes

[1] UST = underground storage tank, RCRIS = Resource Conservation Recovery Act, NPDES = National Pollutant Discharge Elimination System, SARA = Superfund Amendments and Reauthorization Act, WLAP = wastewater land application,

[2] TOT = time-of-travel (in years) for a potential contaminant to reach the wellhead

[3] IOC = inorganic chemical, VOC = volatile organic chemical, SOC = synthetic organic chemical

Table A-8. Well #8, Potential Contaminant Inventory

Site #	Source Description[1]	TOT ZONE[2]	Source of Information	Potential Contaminants [3]
1	UST - closed	0 - 3	Database Search	VOC, SOC
2, 39	UST - closed, Car Washing & Polishing	0 - 3	Database Search	VOC, SOC
3, 33, 53	UST - closed, Automobile Lubrication Service, SARA	0 - 3	Database Search	IOC, VOC, SOC
4, 54	UST - open, SARA	0 - 3	Database Search	VOC, SOC
5, 26	UST - closed, Automobile Detail & Clean-up Service	0 - 3	Database Search	IOC, VOC, SOC
6, 31	UST - closed, Storage-Household & Commercial	0 - 3	Database Search	IOC, VOC, SOC
7	UST - open	0 - 3	Database Search	VOC, SOC
8	UST - closed	0 - 3	Database Search	VOC, SOC
9	UST - closed	0 - 3	Database Search	IOC, VOC, SOC
10	Dairy <=200 cows	0 - 3	Database Search	IOC, SOC, Microbes
11	Dairy <=200 cows	0 - 3	Database Search	IOC, SOC, Microbes
12	Dairy <=200 cows	0 - 3	Database Search	IOC, SOC, Microbes
13	Dairy <=200 cows	0 - 3	Database Search	IOC, SOC, Microbes
14	Dairy <=200 cows	0 - 3	Database Search	IOC, SOC, Microbes
15, 52	Potatoes-Processed, SARA	0 - 3	Database Search	IOC, SOC, Microbes
16, 28, 29, 34	Veterinarians, Dog & Cat Kennels	0 - 3	Database Search	IOC, SOC, Microbes
17	Excavating Contractors	0 - 3	Database Search	IOC, VOC, SOC
18	Automobile Customizing	0 - 3	Database Search	IOC, VOC, SOC
19	Wood Products-Manufacturers	0 - 3	Database Search	IOC, VOC, SOC
20	Printers	0 - 3	Database Search	IOC, VOC
21	Paving Contractors	0 - 3	Database Search	IOC, VOC, SOC
22	Laboratories-Dental	0 - 3	Database Search	IOC, VOC, SOC, Microbes
23	Automobile Body-Repairing & Painting	0 - 3	Database Search	IOC, VOC, SOC
24	Funeral Directors	0 - 3	Database Search	IOC, SOC
25	Welding	0 - 3	Database Search	IOC, VOC, SOC
27	Automobile Body-Repairing & Painting	0 - 3	Database Search	IOC, VOC, SOC
30	Janitor Service	0 - 3	Database Search	IOC, Microbes
32	Carpet & Rug Cleaners	0 - 3	Database Search	VOC
35	Landscape Contractors	0 - 3	Database Search	IOC, SOC, Microbes
36	Signs (Manufacturers)	0 - 3	Database Search	VOC
37	Car Washing & Polishing	0 - 3	Database Search	IOC, VOC, SOC
38	General Contractors	0 - 3	Database Search	IOC, VOC, SOC
40, 41	Laboratories-Dental	0 - 3	Database Search	IOC, VOC, SOC, Microbes
42	Janitor Service	0 - 3	Database Search	IOC, Microbes
43	NPDES	0 - 3	Database Search	IOC, Microbes
44	NPDES	0 - 3	Database Search	IOC, Microbes
45	CERCLA	0 - 3	Database Search	IOC, VOC, SOC
46	Sand and gravel pit	0 - 3	Database Search	IOC
47	Sand and gravel pit	0 - 3	Database Search	IOC
48	Sand and gravel pit	0 - 3	Database Search	IOC
49	Sand and gravel pit	0 - 3	Database Search	IOC
50	Deep injection well	0 - 3	Database Search	IOC, VOC, SOC, Microbes
51	SARA	0 - 3	Database Search	IOC, VOC
55	Recharge point - unused	0 - 3	Database Search	IOC, VOC, SOC
56	Recharge point - unused	0 - 3	Database Search	IOC, VOC, SOC
57	Recharge point - unused	0 - 3	Database Search	IOC, VOC, SOC

Site #	Source Description[1]	TOT ZONE[2]	Source of Information	Potential Contaminants [3]
58	Recharge point - unused	0 - 3	Database Search	IOC, VOC, SOC
59	Recharge point - unused	0 - 3	Database Search	IOC, VOC, SOC
60	Recharge point - unused	0 - 3	Database Search	IOC, VOC, SOC
61	WLAP site	0 - 3	Database Search	IOC, VOC, SOC, Microbes
62	Landfill	0 - 3	Database Search	IOC, VOC, SOC, Microbes
	Highway 26	0 - 3	GIS Map	IOC, VOC, SOC, Microbes
	Highway 191	0 - 3	GIS Map	IOC, VOC, SOC, Microbes
	Union Pacific Railroad	0 - 3	GIS Map	IOC, VOC, SOC, Microbes
	Snake River	3 - 10	GIS Map	IOC, VOC, SOC, Microbes

[1] UST = underground storage tank, RCRIS = Resource Conservation Recovery Act, NPDES = National Pollutant Discharge Elimination System, CERCLA = Comprehensive Environmental Response Compensation and Liability Act, SARA = Superfund Amendments and Reauthorization Act, WLAP = wastewater land application

[2] TOT = time-of-travel (in years) for a potential contaminant to reach the wellhead

[3] IOC = inorganic chemical, VOC = volatile organic chemical, SOC = synthetic organic chemical

Table A-9. Well #9, Potential Contaminant Inventory

Site #	Source Description[1]	TOT ZONE[2]	Source of Information	Potential Contaminants [3]
1	UST - closed	0 - 3	Database Search	VOC, SOC
2, 44	UST - closed, Car Washing & Polishing	0 - 3	Database Search	VOC, SOC
3, 35, 66	UST - closed, Automobile Lubrication Service, SARA	0 - 3	Database Search	IOC, VOC, SOC
4, 67	UST - open, SARA	0 - 3	Database Search	VOC, SOC
5, 28	UST - closed, Automobile Detail & Clean-up Service	0 - 3	Database Search	IOC, VOC, SOC
6, 33	UST - closed, Storage-Household & Commercial	0 - 3	Database Search	IOC, VOC, SOC
7	UST - closed	0 - 3	Database Search	VOC, SOC
8	UST - open	0 - 3	Database Search	VOC, SOC
9	UST - closed	0 - 3	Database Search	VOC, SOC
10	UST - closed	0 - 3	Database Search	IOC, VOC, SOC
11	Dairy <=200 cows	0 - 3	Database Search	IOC, SOC, Microbes
12	Dairy <=200 cows	0 - 3	Database Search	IOC, SOC, Microbes
13	Dairy <=200 cows	0 - 3	Database Search	IOC, SOC, Microbes
14	Dairy <=200 cows	0 - 3	Database Search	IOC, SOC, Microbes
15	Dairy <=200 cows	0 - 3	Database Search	IOC, SOC, Microbes
16, 65	Potatoes-Processed, SARA	0 - 3	Database Search	IOC, SOC, Microbes
17, 30, 31, 36	Veterinarians, Dog & Cat Kennels	0 - 3	Database Search	IOC, SOC, Microbes
18	Excavating Contractors	0 - 3	Database Search	IOC, VOC, SOC
19	Automobile Renting & Leasing	0 - 3	Database Search	VOC, SOC
20	Automobile Customizing	0 - 3	Database Search	IOC, VOC, SOC
21	Wood Products-Manufacturers	0 - 3	Database Search	IOC, VOC, SOC
22	Printers	0 - 3	Database Search	IOC, VOC
23	Paving Contractors	0 - 3	Database Search	IOC, VOC, SOC
24	Automobile Body-Repairing & Painting	0 - 3	Database Search	IOC, VOC, SOC
25	Funeral Directors	0 - 3	Database Search	IOC, SOC
26	Welding	0 - 3	Database Search	IOC, VOC, SOC
27	Converted Paper/Paperbrd Prod NEC	0 - 3	Database Search	IOC, VOC, SOC
29	Automobile Body-Repairing & Painting	0 - 3	Database Search	IOC, VOC, SOC
32	Janitor Service	0 - 3	Database Search	IOC, Microbes
34	Carpet & Rug Cleaners	0 - 3	Database Search	VOC
37	Landscape Contractors	0 - 3	Database Search	IOC, SOC, Microbes
38	Signs (Manufacturers)	0 - 3	Database Search	VOC
39, 68	Fertilizers (Wholesale)	0 - 3	Database Search	IOC, SOC, Microbes
40	Concrete Contractors	0 - 3	Database Search	IOC, VOC, SOC
41	Car Washing & Polishing	0 - 3	Database Search	IOC, VOC, SOC
42	Cleaners	0 - 3	Database Search	VOC
43	General Contractors	0 - 3	Database Search	IOC, VOC, SOC
45, 46	Laboratories-Dental	0 - 3	Database Search	IOC, VOC, SOC, Microbes
47	Janitor Service	0 - 3	Database Search	IOC, Microbes
48	NPDES	0 - 3	Database Search	IOC, Microbes
49	NPDES	0 - 3	Database Search	IOC, Microbes
50	CERCLA	0 - 3	Database Search	IOC, VOC, SOC
51	Sand and gravel pit	0 - 3	Database Search	IOC
52	Sand and gravel pit	0 - 3	Database Search	IOC
53	Sand and gravel pit	0 - 3	Database Search	IOC
54	Sand and gravel pit	0 - 3	Database Search	IOC

Site #	Source Description[1]	TOT ZONE[2]	Source of Information	Potential Contaminants [3]
55	Deep injection well	0 - 3	Database Search	IOC, VOC, SOC, Microbes
56	Deep injection well	0 - 3	Database Search	IOC, VOC, SOC, Microbes
57	Deep injection well	0 - 3	Database Search	IOC, VOC, SOC, Microbes
58	Deep injection well	0 - 3	Database Search	IOC, VOC, SOC, Microbes
59	Deep injection well	0 - 3	Database Search	IOC, VOC, SOC, Microbes
60	Deep injection well	0 - 3	Database Search	IOC, VOC, SOC, Microbes
61	Deep injection well	0 - 3	Database Search	IOC, VOC, SOC, Microbes
62	Deep injection well	0 - 3	Database Search	IOC, VOC, SOC, Microbes
63	Deep injection well	0 - 3	Database Search	IOC, VOC, SOC, Microbes
64	SARA	0 - 3	Database Search	IOC, VOC
69	Recharge point - unused	0 - 3	Database Search	IOC, VOC, SOC
70	Recharge point - unused	0 - 3	Database Search	IOC, VOC, SOC
71	Recharge point - unused	0 - 3	Database Search	IOC, VOC, SOC
72	Recharge point - unused	0 - 3	Database Search	IOC, VOC, SOC
73	Recharge point - unused	0 - 3	Database Search	IOC, VOC, SOC
74	Recharge point - unused	0 - 3	Database Search	IOC, VOC, SOC
75	WLAP site	0 - 3	Database Search	IOC, VOC, SOC, Microbes
76	Landfill	0 - 3	Database Search	IOC, VOC, SOC, Microbes
	Highway 26	0 - 3	GIS Map	IOC, VOC, SOC, Microbes
	Highway 191	0 - 3	GIS Map	IOC, VOC, SOC, Microbes
	Union Pacific Railroad	0 - 3	GIS Map	IOC, VOC, SOC, Microbes
	Snake River	3 - 10	GIS Map	IOC, VOC, SOC, Microbes

[1] UST = underground storage tank, NPDES = National Pollutant Discharge Elimination System, CERCLA = Comprehensive Environmental Response Compensation and Liability Act, SARA = Superfund Amendments and Reauthorization Act, WLAP = wastewater land application,
[2] TOT = time-of-travel (in years) for a potential contaminant to reach the wellhead
[3] IOC = inorganic chemical, VOC = volatile organic chemical, SOC = synthetic organic chemical

Table A-10. Well #10, Potential Contaminant Inventory

Site #	Source Description[1]	TOT ZONE[2]	Source of Information	Potential Contaminants [3]
1	UST - closed	0 - 3	Database Search	VOC, SOC
2, 44	UST - closed, Car Washing & Polishing	0 - 3	Database Search	VOC, SOC
3, 35, 65	UST - closed, Automobile Lubrication Service, SARA	0 - 3	Database Search	IOC, VOC, SOC
4, 66	UST - open, SARA	0 - 3	Database Search	VOC, SOC
5, 28	UST - closed, Automobile Detail & Clean-up Service	0 - 3	Database Search	IOC, VOC, SOC
6, 33	UST - closed, Storage-Household & Commercial	0 - 3	Database Search	IOC, VOC, SOC
7	UST - closed	0 - 3	Database Search	VOC, SOC
8	UST - open	0 - 3	Database Search	VOC, SOC
9	UST - closed	0 - 3	Database Search	VOC, SOC
10	UST - closed	0 - 3	Database Search	IOC, VOC, SOC
11	Dairy <=200 cows	0 - 3	Database Search	IOC, SOC, Microbes
12	Dairy <=200 cows	0 - 3	Database Search	IOC, SOC, Microbes
13	Dairy <=200 cows	0 - 3	Database Search	IOC, SOC, Microbes
14	Dairy <=200 cows	0 - 3	Database Search	IOC, SOC, Microbes
15	Dairy <=200 cows	0 - 3	Database Search	IOC, SOC, Microbes
16, 64	Potatoes-Processed, SARA	0 - 3	Database Search	IOC, SOC, Microbes
17, 30, 31, 36	Veterinarians, Dog & Cat Kennels	0 - 3	Database Search	IOC, SOC, Microbes
18	Excavating Contractors	0 - 3	Database Search	IOC, VOC, SOC
19	Automobile Renting & Leasing	0 - 3	Database Search	VOC, SOC
20	Automobile Customizing	0 - 3	Database Search	IOC, VOC, SOC
21	Wood Products-Manufacturers	0 - 3	Database Search	IOC, VOC, SOC
22	Printers	0 - 3	Database Search	IOC, VOC
23	Paving Contractors	0 - 3	Database Search	IOC, VOC, SOC
24	Automobile Body-Repairing & Painting	0 - 3	Database Search	IOC, VOC, SOC
25	Funeral Directors	0 - 3	Database Search	IOC, SOC
26	Welding	0 - 3	Database Search	IOC, VOC, SOC
27	Converted Paper/Paperbrd Prod NEC	0 - 3	Database Search	IOC, VOC, SOC
29	Automobile Body-Repairing & Painting	0 - 3	Database Search	IOC, VOC, SOC
32	Janitor Service	0 - 3	Database Search	IOC, Microbes
34	Carpet & Rug Cleaners	0 - 3	Database Search	VOC
37	Landscape Contractors	0 - 3	Database Search	IOC, SOC, Microbes
38	Signs (Manufacturers)	0 - 3	Database Search	VOC
39, 67	Fertilizers (Wholesale)	0 - 3	Database Search	IOC, SOC, Microbes
40	Concrete Contractors	0 - 3	Database Search	IOC, VOC, SOC
41	Car Washing & Polishing	0 - 3	Database Search	IOC, VOC, SOC
42	Cleaners	0 - 3	Database Search	VOC
43	General Contractors	0 - 3	Database Search	IOC, VOC, SOC
45, 46	Laboratories-Dental	0 - 3	Database Search	IOC, VOC, SOC, Microbes
47	Janitor Service	0 - 3	Database Search	IOC, Microbes
48	NPDES	0 - 3	Database Search	IOC, Microbes
49	NPDES	0 - 3	Database Search	IOC, Microbes
50	CERCLA	0 - 3	Database Search	IOC, VOC, SOC
51	Sand and gravel pit	0 - 3	Database Search	IOC
52	Sand and gravel pit	0 - 3	Database Search	IOC
53	Sand and gravel pit	0 - 3	Database Search	IOC
54	Sand and gravel pit	0 - 3	Database Search	IOC

Site #	Source Description[1]	TOT ZONE[2]	Source of Information	Potential Contaminants [3]
55	Deep injection well	0 - 3	Database Search	IOC, VOC, SOC, Microbes
56	Deep injection well	0 - 3	Database Search	IOC, VOC, SOC, Microbes
57	Deep injection well	0 - 3	Database Search	IOC, VOC, SOC, Microbes
58	Deep injection well	0 - 3	Database Search	IOC, VOC, SOC, Microbes
59	Deep injection well	0 - 3	Database Search	IOC, VOC, SOC, Microbes
60	Deep injection well	0 - 3	Database Search	IOC, VOC, SOC, Microbes
61	Deep injection well	0 - 3	Database Search	IOC, VOC, SOC, Microbes
62	Deep injection well	0 - 3	Database Search	IOC, VOC, SOC, Microbes
63	SARA	0 - 3	Database Search	IOC, VOC
64	Recharge point - unused	0 - 3	Database Search	IOC, VOC, SOC
69	Recharge point - unused	0 - 3	Database Search	IOC, VOC, SOC
70	Recharge point - unused	0 - 3	Database Search	IOC, VOC, SOC
71	Recharge point - unused	0 - 3	Database Search	IOC, VOC, SOC
72	Recharge point - unused	0 - 3	Database Search	IOC, VOC, SOC
73	Recharge point - unused	0 - 3	Database Search	IOC, VOC, SOC
74	WLAP site	0 - 3	Database Search	IOC, VOC, SOC, Microbes
75	Landfill	0 - 3	Database Search	IOC, VOC, SOC, Microbes
	Highway 26	0 - 3	GIS Map	IOC, VOC, SOC, Microbes
	Highway 191	0 - 3	GIS Map	IOC, VOC, SOC, Microbes
	Union Pacific Railroad	0 - 3	GIS Map	IOC, VOC, SOC, Microbes
	Snake River	3 - 10	GIS Map	IOC, VOC, SOC, Microbes

[1] UST = underground storage tank, NPDES = National Pollutant Discharge Elimination System, CERCLA = Comprehensive Environmental Response Compensation and Liability Act, SARA = Superfund Amendments and Reauthorization Act, WLAP = wastewater land application,

[2] TOT = time-of-travel (in years) for a potential contaminant to reach the wellhead

[3] IOC = inorganic chemical, VOC = volatile organic chemical, SOC = synthetic organic chemical

Table A-11. Well #11, Potential Contaminant Inventory

Site #	Source Description[1]	TOT ZONE[2]	Source of Information	Potential Contaminants[3]
1	UST - open	0 - 3	Database Search	VOC, SOC
2	UST - open	0 - 3	Database Search	VOC, SOC
3	UST - closed	0 - 3	Database Search	VOC, SOC
4	UST - open	0 - 3	Database Search	VOC, SOC
5	UST - closed	0 - 3	Database Search	VOC, SOC
6, 18	UST - open, Oils-Fuel (Wholesale)	0 - 3	Database Search	VOC, SOC
7, 14	UST - open, Trucking-Heavy Hauling	0 - 3	Database Search	VOC, SOC
8	Boat Dealers	0 - 3	Database Search	VOC, SOC
9	Oils-Fuel (Wholesale)	0 - 3	Database Search	VOC, SOC
10	Boxes-Folding-Manufacturers	0 - 3	Database Search	IOC, VOC, SOC
11	Cleaners	0 - 3	Database Search	VOC
12	Fertilizers (Wholesale)	0 - 3	Database Search	IOC, SOC, Microbes
13	Metal Fabricators	0 - 3	Database Search	IOC, VOC, SOC
15, 47, 48	Agricultural Chemicals (Wholesale), SARA, AST	0 - 3	Database Search	IOC, SOC, Microbes
16	Automobile Repairing & Service	0 - 3	Database Search	IOC, VOC, SOC
17	Service Stations-Gasoline & Oil	0 - 3	Database Search	IOC, VOC, SOC
19	Automobile Body-Repairing & Painting	0 - 3	Database Search	IOC, VOC, SOC
20	Automobile Customizing	0 - 3	Database Search	IOC, VOC, SOC
21	Campgrounds	0 - 3	Database Search	IOC, SOC, Microbes
22	X-Ray Laboratories-Industrial	0 - 3	Database Search	IOC, VOC, SOC, Microbes
23	Photographers-Portrait	0 - 3	Database Search	IOC, VOC
24, 25	General Contractors	0 - 3	Database Search	IOC, VOC, SOC
26	Automobile Renting & Leasing	0 - 3	Database Search	VOC, SOC
27	Laboratories-Dental	0 - 3	Database Search	IOC, VOC, SOC, Microbes
28	Truck-Repairing & Service	0 - 3	Database Search	IOC, VOC, SOC
29	Automobile-Antique & Classic	0 - 3	Database Search	IOC, VOC, SOC
30	Cleaners	0 - 3	Database Search	VOC
31, 35, 45	Buses-Charter & Rental, RCRIS, SARA	0 - 3	Database Search	VOC, SOC
32	Truck Renting & Leasing	0 - 3	Database Search	VOC, SOC
33	Disinfectants & Germicides (Wholesale)	0 - 3	Database Search	IOC, SOC, Microbes
34	RCRIS	0 - 3	Database Search	IOC, VOC, SOC, Microbes
36	RCRIS	0 - 3	Database Search	IOC, VOC, SOC, Microbes
37	Deep injection well	0 - 3	Database Search	IOC, VOC, SOC, Microbes
38	Deep injection well	0 - 3	Database Search	IOC, VOC, SOC, Microbes
39	Deep injection well	0 - 3	Database Search	IOC, VOC, SOC, Microbes
40	Deep injection well	0 - 3	Database Search	IOC, VOC, SOC, Microbes
41	Deep injection well	0 - 3	Database Search	IOC, VOC, SOC, Microbes
42	Deep injection well	0 - 3	Database Search	IOC, VOC, SOC, Microbes
43	Deep injection well	0 - 3	Database Search	IOC, VOC, SOC, Microbes
44	SARA	0 - 3	Database Search	IOC, VOC, SOC, Microbes
46	SARA	0 - 3	Database Search	IOC, VOC, SOC

Site #	Source Description[1]	TOT ZONE[2]	Source of Information	Potential Contaminants [3]
	Highway 15/91	0 - 3	GIS Map	IOC, VOC, SOC, Microbes
	Porter Canal	0 - 3	GIS Map	IOC, VOC, SOC, Microbes
	Snake River	3 - 10	GIS Map	IOC, VOC, SOC, Microbes

[1] UST = underground storage tank, LUST = leaking underground storage tank, RCRIS = Resource Conservation Recovery Act, SARA = Superfund Amendments and Reauthorization Act, WLAP = wastewater land application, AST = Above ground storage tank

[2] TOT = time-of-travel (in years) for a potential contaminant to reach the wellhead

[3] IOC = inorganic chemical, VOC = volatile organic chemical, SOC = synthetic organic chemical

Table A-12. Well #12, Potential Contaminant Inventory

Site #	Source Description[1]	TOT ZONE[2]	Source of Information	Potential Contaminants [3]
1	UST - closed	0 - 3	Database Search	VOC, SOC
2	UST - closed	0 - 3	Database Search	VOC, SOC
3	Dairy <=200 cows	0 - 3	Database Search	IOC, SOC, Microbes
4	Dairy <=200 cows	0 - 3	Database Search	IOC, SOC, Microbes
5	Janitor Service	0 - 3	Database Search	IOC, Microbes
6	Automobile Parts-Used & Rebuilt	0 - 3	Database Search	IOC, VOC, SOC
7	Truck-Repairing & Service	0 - 3	Database Search	IOC, VOC, SOC
8, 15, 31, 35	Parking Area Maintenance & Marking, SARA, AST	0 - 3	Database Search	IOC, VOC, SOC
9	Automobile Repairing & Service	0 - 3	Database Search	IOC, VOC, SOC
10	Automobile Parts-Used & Rebuilt	0 - 3	Database Search	IOC, VOC, SOC
11	Seed Cleaning	0 - 3	Database Search	IOC, SOC, Microbes
12	Automobile Parts-Used & Rebuilt	0 - 3	Database Search	IOC, VOC, SOC
13	Storage-Household & Commercial	0 - 3	Database Search	IOC, VOC, SOC, Microbes
14	Wrecker Service	0 - 3	Database Search	IOC, VOC, SOC
16	Excavating Contractors	0 - 3	Database Search	IOC, VOC, SOC
17	General Contractors	0 - 3	Database Search	IOC, VOC, SOC
18	General Contractors	0 - 3	Database Search	IOC, VOC, SOC
19	Wrecker Service	0 - 3	Database Search	IOC, VOC, SOC
20, 34	Oils-Lubricating-Wholesale, AST	0 - 3	Database Search	VOC, SOC
21	Automobile Parts-Used & Rebuilt	0 - 3	Database Search	IOC, VOC, SOC
22, 23	Excavating Contractors	0 - 3	Database Search	IOC, VOC, SOC
24	NPDES	0 - 3	Database Search	IOC, Microbes
25	CERCLA	0 - 3	Database Search	IOC, VOC, SOC
26	Sand and gravel pit	0 - 3	Database Search	IOC
27	Sand and gravel pit	0 - 3	Database Search	IOC
28	Sand and gravel pit	0 - 3	Database Search	IOC
29	Deep injection well	0 - 3	Database Search	IOC, VOC, SOC, Microbes
30	Deep injection well	0 - 3	Database Search	IOC, VOC, SOC, Microbes
32	Recharge point - unused	0 - 3	Database Search	IOC, VOC, SOC
33	Recharge point - unused	0 - 3	Database Search	IOC, VOC, SOC
	Highway 91	0 - 3	GIS Map	IOC, VOC, SOC, Microbes
	Levee Canal	0 - 3	GIS Map	IOC, VOC, SOC, Microbes
	Union Pacific Railroad	0 - 3	GIS Map	IOC, VOC, SOC, Microbes
	Snake River	3 - 10	GIS Map	IOC, VOC, SOC, Microbes

[1] UST = underground storage tank, NPDES = National Pollutant Discharge Elimination System, CERCLA = Comprehensive Environmental Response Compensation and Liability Act, SARA = Superfund Amendments and Reauthorization Act, WLAP = wastewater land application, AST = Above ground storage tank

[2] TOT = time-of-travel (in years) for a potential contaminant to reach the wellhead

[3] IOC = inorganic chemical, VOC = volatile organic chemical, SOC = synthetic organic chemical

Table A-13. Well #13, Potential Contaminant Inventory

Site #	Source Description[1]	TOT ZONE[2]	Source of Information	Potential Contaminants [3]
1	UST - closed	0 - 3	Database Search	VOC, SOC
2, 42, 54	UST - open, Service station, SARA	0 - 3	Database Search	VOC, SOC
3, 36	UST - closed, Irrigation systems	0 - 3	Database Search	IOC, VOC, SOC
4	UST - closed	0 - 3	Database Search	VOC, SOC
5	UST - open	0 - 3	Database Search	VOC, SOC
6	UST - open	0 - 3	Database Search	VOC, SOC
7	UST - closed	0 - 3	Database Search	VOC, SOC
8	Dairy <=200 cows	0 - 3	Database Search	IOC, SOC, Microbes
9	Dairy <=200 cows	0 - 3	Database Search	IOC, SOC, Microbes
10, 52	Potatoes-Processed, SARA	0 - 3	Database Search	IOC, SOC, Microbes
11	Storage-Household & Commercial	0 - 3	Database Search	IOC, VOC, SOC
12	Farm Equipment (Wholesale)	0 - 3	Database Search	IOC, SOC
13	Machine Shops	0 - 3	Database Search	IOC, VOC, SOC
14	Plumbing Drain & Sewer Cleaning	0 - 3	Database Search	IOC, VOC, SOC
15	Cabinets-Manufacturers	0 - 3	Database Search	IOC, VOC, SOC
16	Seed Cleaning	0 - 3	Database Search	IOC, SOC, Microbes
17	Automobile Repairing & Service	0 - 3	Database Search	IOC, VOC, SOC
18	Automobile Body-Repairing & Painting	0 - 3	Database Search	IOC, VOC, SOC
19	Store Fronts	0 - 3	Database Search	VOC
20	Automobile Repairing & Service	0 - 3	Database Search	IOC, VOC, SOC
21	Motorcycles & Motor Scooters-Dealer	0 - 3	Database Search	VOC, SOC
22	Dome Structures	0 - 3	Database Search	IOC, VOC, SOC
23	Machine Shops	0 - 3	Database Search	IOC, VOC, SOC
24	Nurserymen	0 - 3	Database Search	IOC, SOC, Microbes
25	Castings-Metals	0 - 3	Database Search	IOC, VOC, SOC
26	Material Handling Equipment (Wholesale)	0 - 3	Database Search	IOC, VOC, SOC
27	Trailer-Manufacturers	0 - 3	Database Search	IOC, VOC, SOC
28	Motorcycles & Motor Scooters-Dealer	0 - 3	Database Search	VOC, SOC
29	Transmissions-Automobile	0 - 3	Database Search	IOC, VOC, SOC
30	Drilling & Boring Contractors	0 - 3	Database Search	IOC, VOC, SOC
31	Ornamental Metal Work (Manufacturer)	0 - 3	Database Search	IOC, VOC, SOC
32	Cleaning Compounds-Manufacturers	0 - 3	Database Search	IOC, VOC, SOC
33	Tire-Retreading & Repairing	0 - 3	Database Search	IOC, VOC, SOC
34	Plastics-High Pressure Laminates	0 - 3	Database Search	IOC, VOC, SOC
35	Relays & Industrial Controls (Mfrs)	0 - 3	Database Search	IOC, VOC
37	Rental Service-Stores & Yards	0 - 3	Database Search	IOC, VOC, SOC, Microbes
38, 53	Fertilizers (Wholesale), SARA	0 - 3	Database Search	IOC, SOC, Microbes
39	Chemicals (Wholesale)	0 - 3	Database Search	IOC, VOC, SOC, Microbes
40	Washers-Pressure	0 - 3	Database Search	VOC
41	Alternators & Starters-Marine (Mfrs)	0 - 3	Database Search	IOC, VOC
43	Concrete Contractors	0 - 3	Database Search	IOC, VOC, SOC
44	Hydraulic Equipment & Supplies	0 - 3	Database Search	IOC, VOC, SOC
45	Truck Renting & Leasing	0 - 3	Database Search	VOC, SOC
46	Government-Forestry Services	0 - 3	Database Search	IOC, VOC, SOC
47	NPDES	0 - 3	Database Search	IOC, Microbes
48	CERCLA	0 - 3	Database Search	IOC, VOC, SOC

Site #	Source Description[1]	TOT ZONE[2]	Source of Information	Potential Contaminants [3]
49	Sand and gravel pit	0 - 3	Database Search	IOC
50	Sand and gravel pit	0 - 3	Database Search	IOC
51	Sand and gravel pit	0 - 3	Database Search	IOC
55	SARA	0 - 3	Database Search	IOC, SOC, Microbes
56	Recharge point - unused	0 - 3	Database Search	IOC, VOC, SOC
57	Recharge point - unused	0 - 3	Database Search	IOC, VOC, SOC
58	Recharge point - unused	0 - 3	Database Search	IOC, VOC, SOC
59	WLAP site	0 - 3	Database Search	IOC, VOC, SOC, Microbes
	Highway 26	0 - 3	GIS Map	IOC, VOC, SOC, Microbes
	Highway 191	0 - 3	GIS Map	IOC, VOC, SOC, Microbes
	Union Pacific Railroad	0 - 3	GIS Map	IOC, VOC, SOC, Microbes
	Snake River	3 - 10	GIS Map	IOC, VOC, SOC, Microbes

[1] UST = underground storage tank, RCRIS = Resource Conservation Recovery Act, NPDES = National Pollutant Discharge Elimination System, CERCLA = Comprehensive Environmental Response Compensation and Liability Act, SARA = Superfund Amendments and Reauthorization Act, WLAP = wastewater land application, AST = Above ground storage tank

[2] TOT = time-of-travel (in years) for a potential contaminant to reach the wellhead

[3] IOC = inorganic chemical, VOC = volatile organic chemical, SOC = synthetic organic chemical

Table A-14. Well #14, Potential Contaminant Inventory

Site #	Source Description[1]	TOT ZONE[2]	Source of Information	Potential Contaminants[3]
1	UST - open	0 - 3	Database Search	VOC, SOC
2	UST - closed	0 - 3	Database Search	VOC, SOC
3	UST - open	0 - 3	Database Search	VOC, SOC
4	UST - closed	0 - 3	Database Search	VOC, SOC
5, 11	UST - open	0 - 3	Database Search	VOC, SOC
6	Boat Dealers	0 - 3	Database Search	VOC, SOC
7	Boxes-Folding-Manufacturers	0 - 3	Database Search	IOC, VOC, SOC
8	Cleaners	0 - 3	Database Search	VOC
9	Fertilizers (Wholesale)	0 - 3	Database Search	IOC, SOC, Microbes
10	Metal Fabricators	0 - 3	Database Search	IOC, VOC, SOC
12, 41, 42	Agricultural Chemicals (Wholesale), SARA, AST	0 - 3	Database Search	IOC, SOC, Microbes
13	Automobile Repairing & Service	0 - 3	Database Search	IOC, VOC, SOC
14	Automobile Body-Repairing & Painting	0 - 3	Database Search	IOC, VOC, SOC
15	Automobile Customizing	0 - 3	Database Search	IOC, VOC, SOC
16	Campgrounds	0 - 3	Database Search	IOC, SOC, Microbes
17	X-Ray Laboratories-Industrial	0 - 3	Database Search	IOC
18	Photographers-Portrait	0 - 3	Database Search	IOC, VOC
19, 20	General Contractors	0 - 3	Database Search	IOC, VOC, SOC
21	Automobile Renting & Leasing	0 - 3	Database Search	VOC, SOC
22	Laboratories-Dental	0 - 3	Database Search	IOC, VOC, SOC, Microbes
23	Truck-Repairing & Service	0 - 3	Database Search	IOC, VOC, SOC
24	Automobile-Antique & Classic	0 - 3	Database Search	IOC, VOC, SOC
25	Cleaners	0 - 3	Database Search	VOC
26, 29, 39	Buses-Charter & Rental, RCRIS, SARA	0 - 3	Database Search	VOC, SOC
27	Disinfectants & Germicides (Wholesale)	0 - 3	Database Search	IOC, SOC, Microbes
28	RCRIS	0 - 3	Database Search	IOC, VOC, SOC
30	RCRIS	0 - 3	Database Search	IOC, VOC, SOC
31	Deep injection well	0 - 3	Database Search	IOC, VOC, SOC, Microbes
32	Deep injection well	0 - 3	Database Search	IOC, VOC, SOC, Microbes
33	Deep injection well	0 - 3	Database Search	IOC, VOC, SOC, Microbes
34	Deep injection well	0 - 3	Database Search	IOC, VOC, SOC, Microbes
35	Deep injection well	0 - 3	Database Search	IOC, VOC, SOC, Microbes
36	Deep injection well	0 - 3	Database Search	IOC, VOC, SOC, Microbes
37	Deep injection well	0 - 3	Database Search	IOC, VOC, SOC, Microbes
38	SARA	0 - 3	Database Search	IOC, VOC, SOC
40	SARA	0 - 3	Database Search	IOC, VOC, SOC
	Highway 15/91	0 - 3	GIS Map	IOC, VOC, SOC, Microbes
	Porter Canal	0 - 3	GIS Map	IOC, VOC, SOC, Microbes
	Snake River	3 - 10	GIS Map	IOC, VOC, SOC, Microbes

[1] UST = underground storage tank, RCRIS = Resource Conservation Recovery Act, NPDES = National Pollutant Discharge Elimination System, SARA = Superfund Amendments and Reauthorization Act, WLAP = wastewater land application, AST = Above ground storage tank

[2] TOT = time-of-travel (in years) for a potential contaminant to reach the wellhead

[3] IOC = inorganic chemical, VOC = volatile organic chemical, SOC = synthetic organic chemical

Table A-15. Well #15, Potential Contaminant Inventory

Site #	Source Description[1]	TOT ZONE[2]	Source of Information	Potential Contaminants [3]
1, 30	UST - open, Farms	0 - 3	Database Search	IOC, VOC, SOC, Microbes
2, 8	UST - open, Gas station	0 - 3	Database Search	VOC, SOC
3	UST - open	0 - 3	Database Search	VOC, SOC
4	UST - closed	0 - 3	Database Search	IOC, VOC, SOC
5	UST - open	0 - 3	Database Search	VOC, SOC
6	UST - closed	0 - 3	Database Search	VOC, SOC
7	UST - closed	0 - 3	Database Search	VOC, SOC
9	UST - closed	0 - 3	Database Search	VOC, SOC
10, 48	UST - open, SARA	0 - 3	Database Search	VOC, SOC
11	UST - closed	0 - 3	Database Search	IOC, VOC, SOC
12	Dairy <=200 cows	0 - 3	Database Search	IOC, SOC, Microbes
13	Dairy <=200 cows	0 - 3	Database Search	IOC, SOC, Microbes
14	Dairy <=200 cows	0 - 3	Database Search	IOC, SOC, Microbes
15	Dairy <=200 cows	0 - 3	Database Search	IOC, SOC, Microbes
16	Dairy <=200 cows	0 - 3	Database Search	IOC, SOC, Microbes
17	Dairy <=200 cows	0 - 3	Database Search	IOC, SOC, Microbes
18, 45	Potatoes-Processed, SARA	0 - 3	Database Search	IOC, SOC, Microbes
19, 23	Trapping Equipment & Supplies, Fur Farm	0 - 3	Database Search	IOC, VOC, Microbes
20	Taxidermists	0 - 3	Database Search	IOC, Microbes
21	Water Treatment Equip Svc & Supls	0 - 3	Database Search	IOC, VOC, SOC
22	Building Contractors	0 - 3	Database Search	IOC, VOC, SOC
24	Photo Finishing-Retail	0 - 3	Database Search	IOC, VOC
25	Car Washing & Polishing	0 - 3	Database Search	IOC, VOC, SOC
26	General Contractors	0 - 3	Database Search	IOC, VOC, SOC
27	Storage-Household & Commercial	0 - 3	Database Search	IOC, VOC, SOC
28	Home Builders	0 - 3	Database Search	IOC, VOC, SOC
29	Steel Erectors	0 - 3	Database Search	IOC, VOC, SOC
31	Automobile Parts & Supplies-Retail	0 - 3	Database Search	IOC, VOC, SOC
32	Photographers-Portrait	0 - 3	Database Search	IOC, VOC
33	Car Washing & Polishing	0 - 3	Database Search	IOC, VOC, SOC
34	Painters	0 - 3	Database Search	IOC, VOC, SOC
35	Meat Processing	0 - 3	Database Search	IOC, SOC, Microbes
36	Printers	0 - 3	Database Search	IOC, VOC, SOC
37	Truck Renting & Leasing	0 - 3	Database Search	IOC, VOC, SOC
38	Automobile Lubrication Service	0 - 3	Database Search	IOC, VOC, SOC
39	Laboratories-Dental	0 - 3	Database Search	IOC, VOC, SOC, Microbes
40	Trucking-Heavy Hauling	0 - 3	Database Search	VOC, SOC
41	NPDES	0 - 3	Database Search	IOC, Microbes
42	Sand and gravel pit	0 - 3	Database Search	IOC
43	Sand and gravel pit	0 - 3	Database Search	IOC
44	Sand and gravel pit	0 - 3	Database Search	IOC
46	SARA	0 - 3	Database Search	
47	SARA	0 - 3	Database Search	VOC, SOC
49	SARA	0 - 3	Database Search	IOC, VOC
50	Recharge point - unused	0 - 3	Database Search	IOC, VOC, SOC
51	Recharge point - unused	0 - 3	Database Search	IOC, VOC, SOC

Site #	Source Description[1]	TOT ZONE[2]	Source of Information	Potential Contaminants [3]
52	Recharge point - unused	0 - 3	Database Search	IOC, VOC, SOC
53	Recharge point - unused	0 - 3	Database Search	IOC, VOC, SOC
54	Recharge point - unused	0 - 3	Database Search	IOC, VOC, SOC
55	Recharge point - unused	0 - 3	Database Search	IOC, VOC, SOC
56	AST	0 - 3	Database Search	VOC, SOC
57	WLAP site	0 - 3	Database Search	IOC, VOC, SOC, Microbes
58	Landfill	0 - 3	Database Search	IOC, VOC, SOC, Microbes
	Highway 26	0 - 3	GIS Map	IOC, VOC, SOC, Microbes
	Highway 191	0 - 3	GIS Map	IOC, VOC, SOC, Microbes
	Union Pacific Railroad	0 - 3	GIS Map	IOC, VOC, SOC, Microbes
	Snake River	3 - 10	GIS Map	IOC, VOC, SOC, Microbes

[1] UST = underground storage tank, NPDES = National Pollutant Discharge Elimination System, SARA = Superfund Amendments and Reauthorization Act, WLAP = wastewater land application, AST = Above ground storage tank

[2] TOT = time-of-travel (in years) for a potential contaminant to reach the wellhead

[3] IOC = inorganic chemical, VOC = volatile organic chemical, SOC = synthetic organic chemical

Table A-16. Well #16, Potential Contaminant Inventory

Site #	Source Description[1]	TOT ZONE[2]	Source of Information	Potential Contaminants [3]
1, 3, 10, 35	LUST - impact unknown, UST - open, Aircraft servicing and maintenance, SARA	0 - 3	Database Search	VOC, SOC
2, 8	LUST - impact unknown, UST - closed	0 - 3	Database Search	VOC, SOC
4, 14	UST - closed, Automobile dealer	0 - 3	Database Search	VOC, SOC
5	UST - closed	0 - 3	Database Search	VOC, SOC
6	UST - closed	0 - 3	Database Search	VOC, SOC
7	UST - closed	0 - 3	Database Search	VOC, SOC
9	UST - closed	0 - 3	Database Search	VOC, SOC
11, 17, 36	Automobile Renting & Leasing, SARA	0 - 3	Database Search	VOC, SOC
12	Aircraft Servicing & Maintenance	0 - 3	Database Search	IOC, VOC, SOC
13	Grain-Dealers (Wholesale)	0 - 3	Database Search	IOC, SOC, Microbes
15	Automobile Renting & Leasing	0 - 3	Database Search	VOC, SOC
16	Automobile Parts & Supplies-Retail	0 - 3	Database Search	VOC, SOC
18	Aircraft Charter Rental & Leasing	0 - 3	Database Search	VOC, SOC
19	Storage-Household & Commercial	0 - 3	Database Search	IOC, VOC, SOC, Microbes
20	Delivery Service	0 - 3	Database Search	VOC, SOC
21, 33	State Government-Transportation, SARA	0 - 3	Database Search	VOC, SOC
22	Federal Government-National Security	0 - 3	Database Search	IOC, VOC, SOC
23	Transmissions-Automobile	0 - 3	Database Search	IOC, VOC, SOC
24, 25	Welding Equipment & Supplies, Storage-Household & Commercial	0 - 3	Database Search	IOC, VOC, SOC
26	RCRIS	0 - 3	Database Search	IOC, VOC, SOC
27	RCRIS	0 - 3	Database Search	IOC, VOC, SOC
28	RCRIS	0 - 3	Database Search	IOC, VOC, SOC
29	Sand and gravel pit	0 - 3	Database Search	IOC
30	Sand and gravel pit	0 - 3	Database Search	IOC
31	Deep injection well	0 - 3	Database Search	IOC, VOC, SOC, Microbes
32, 34	SARA	0 - 3	Database Search	IOC, VOC, SOC, Microbes
	Highway 15/91	0 - 3	GIS Map	IOC, VOC, SOC, Microbes
	Porter Canal	0 - 3	GIS Map	IOC, VOC, SOC, Microbes
	Snake River	3 - 10	GIS Map	IOC, VOC, SOC, Microbes

[1] UST = underground storage tank, LUST = leaking underground storage tank, RCRIS = Resource Conservation Recovery Act, SARA = Superfund Amendments and Reauthorization Act, WLAP = wastewater land application

[2] TOT = time-of-travel (in years) for a potential contaminant to reach the wellhead

[3] IOC = inorganic chemical, VOC = volatile organic chemical, SOC = synthetic organic chemical

Table A-17. Well #17, Potential Contaminant Inventory

Site #	Source Description[1]	TOT ZONE[2]	Source of Information	Potential Contaminants [3]
1	UST - open	0 - 3	Database Search	VOC, SOC
2	UST - open	0 - 3	Database Search	VOC, SOC
3, 15, 22, 27	UST - closed, Chemicals (wholesale), RCRIS, SARA	0 - 3	Database Search	IOC, VOC, SOC, Microbes
4	UST - closed	0 - 3	Database Search	VOC, SOC
5	Dairy <=200 cows	0 - 3	Database Search	IOC, SOC, Microbes
6	Dairy <=200 cows	0 - 3	Database Search	IOC, SOC, Microbes
7	Dairy <=200 cows	0 - 3	Database Search	IOC, SOC, Microbes
8	Janitor Service	0 - 3	Database Search	IOC, Microbes
9	Dog & Cat Kennels	0 - 3	Database Search	IOC, Microbes
10	Recreational Vehicles	0 - 3	Database Search	VOC, SOC
11, 26, 31	Petroleum Products (Wholesale), SARA, AST	0 - 3	Database Search	VOC, SOC
12	Automobile Dealers-Used Cars	0 - 3	Database Search	VOC, SOC
13	Truck-Repairing & Service	0 - 3	Database Search	IOC, VOC, SOC
14	Truck-Repairing & Service	0 - 3	Database Search	IOC, VOC, SOC
16	Automobile Repairing & Service	0 - 3	Database Search	IOC, VOC, SOC
17	Recreational Vehicles	0 - 3	Database Search	VOC, SOC
18	Excavating Contractors	0 - 3	Database Search	IOC, VOC, SOC
19	Labels-Paper (Manufacturers)	0 - 3	Database Search	IOC, VOC, SOC
20, 30	Oils-Lubricating-Wholesale, AST	0 - 3	Database Search	VOC, SOC
21	CERCLA	0 - 3	Database Search	IOC, VOC, SOC
23	Sand and gravel pit	0 - 3	Database Search	IOC
24	Sand and gravel pit	0 - 3	Database Search	IOC
25	Sand and gravel pit	0 - 3	Database Search	IOC
28, 32	SARA, AST	0 - 3	Database Search	IOC, VOC, SOC, Microbes
29	Recharge point - unused	0 - 3	Database Search	IOC, VOC, SOC, Microbes
33, 34	Landfill	0 - 3	Database Search	IOC, VOC, SOC, Microbes
	Highway 20	0 - 3	GIS Map	IOC, VOC, SOC, Microbes
	Union Pacific Railroad	0 - 3	GIS Map	IOC, VOC, SOC, Microbes
	Snake River	3 - 10	GIS Map	IOC, VOC, SOC, Microbes

[1] UST = underground storage tank, RCRIS = Resource Conservation Recovery Act,
NPDES = National Pollutant Discharge Elimination System,
CERCLA = Comprehensive Environmental Response Compensation and Liability Act,
SARA = Superfund Amendments and Reauthorization Act, WLAP = wastewater land application,
AST = Above ground storage tank

[2] TOT = time-of-travel (in years) for a potential contaminant to reach the wellhead

[3] IOC = inorganic chemical, VOC = volatile organic chemical, SOC = synthetic organic chemical

Appendix B

City of Idaho Falls Susceptibility Analysis Worksheets

The final scores for the susceptibility analysis were determined using the following formulas:

1) VOC/SOC/IOC Final Score = Hydrologic Sensitivity + System Construction + (Potential Contaminant/Land Use x 0.2)

2) Microbial Final Score = Hydrologic Sensitivity + System Construction + (Potential Contaminant/Land Use x 0.35)

Final Susceptibility Scoring:

0 - 5 Low Susceptibility

6 - 12 Moderate Susceptibility

≥ 13 High Susceptibility

Ground Water Susceptibility Report Public Water System Name : IDAHO FALLS CITY OF Well# : 981 S BLVD #1

Public Water System Number 7100039 06/22/2001 8:22:07 AM

1. System Construction		SCORE				
Drill Date		01/01/1926				
Driller Log Available		NO				
Sanitary Survey (if yes, indicate date of last survey)		YES	1995			
Well meets IDWR construction standards		NO	1			
Wellhead and surface seal maintained		YES	0			
Casing and annular seal extend to low permeability unit		NO	2			
Highest production 100 feet below static water level		NO	1			
Well located outside the 100 year flood plain		YES	0			
	Total System Construction Score		4			
2. Hydrologic Sensitivity						
Soils are poorly to moderately drained		NO	2			
Vadose zone composed of gravel, fractured rock or unknown		YES	1			
Depth to first water > 300 feet		NO	1			
Aquitard present with > 50 feet cumulative thickness		NO	2			
	Total Hydrologic Score		6			
3. Potential Contaminant / Land Use - ZONE 1A			IOC Score	VOC Score	SOC Score	Microbial Score
Land Use Zone 1A		IRRIGATED CROPLAND	2	2	2	2
Farm chemical use high		YES	2	0	2	
IOC, VOC, SOC, or Microbial sources in Zone 1A		YES	YES	NO	NO	NO
	Total Potential Contaminant Source/Land Use Score - Zone 1A		4	2	4	2
Potential Contaminant / Land Use - ZONE 1B						
Contaminant sources present (Number of Sources)		YES	102	136	123	30
(Score = # Sources X 2) 8 Points Maximum			8	8	8	8
Sources of Class II or III leacheable contaminants or		YES	15	29	12	
4 Points Maximum			4	4	4	
Zone 1B contains or intercepts a Group 1 Area		YES	0	0	2	0
Land use Zone 1B	Greater Than 50% Irrigated Agricultural Land		4	4	4	4
	Total Potential Contaminant Source / Land Use Score - Zone 1B		16	16	18	12
Potential Contaminant / Land Use - ZONE II						
Contaminant Sources Present		YES	2	2	2	
Sources of Class II or III leacheable contaminants or		YES	1	1	1	
Land Use Zone II	Less than 25% Agricultural Land		0	0	0	
	Potential Contaminant Source / Land Use Score - Zone II		3	3	3	0
Potential Contaminant / Land Use - ZONE III						
Contaminant Source Present		YES	1	1	1	
Sources of Class II or III leacheable contaminants or		YES	1	1	1	
Is there irrigated agricultural lands that occupy > 50% of		NO	0	0	0	
	Total Potential Contaminant Source / Land Use Score - Zone III		2	2	2	0
Cumulative Potential Contaminant / Land Use Score			25	23	27	14
4. Final Susceptibility Source Score			15	15	15	15
5. Final Well Ranking			High	High	High	High

1. System Construction		SCORE
Drill Date	01/01/1930	
Driller Log Available	NO	
Sanitary Survey (if yes, indicate date of last survey)	YES	1995
Well meets IDWR construction standards	NO	1
Wellhead and surface seal maintained	YES	0
Casing and annular seal extend to low permeability unit	NO	2
Highest production 100 feet below static water level	YES	0
Well located outside the 100 year flood plain	YES	0
	Total System Construction Score	3

2. Hydrologic Sensitivity		
Soils are poorly to moderately drained	NO	2
Vadose zone composed of gravel, fractured rock or unknown	YES	1
Depth to first water > 300 feet	NO	1
Aquitard present with > 50 feet cumulative thickness	NO	2
	Total Hydrologic Score	6

3. Potential Contaminant / Land Use - ZONE 1A		IOC Score	VOC Score	SOC Score	Microbial Score
Land Use Zone 1A	IRRIGATED CROPLAND	2	2	2	2
Farm chemical use high	YES	2	0	2	
IOC, VOC, SOC, or Microbial sources in Zone 1A	YES	YES	NO	NO	NO
Total Potential Contaminant Source/Land Use Score - Zone 1A		4	2	4	2
Potential Contaminant / Land Use - ZONE 1B					
Contaminant sources present (Number of Sources)	YES	46	61	66	21
(Score = # Sources X 2) 8 Points Maximum		8	8	8	8
Sources of Class II or III leacheable contaminants or	YES	13	16	12	
4 Points Maximum		4	4	4	
Zone 1B contains or intercepts a Group 1 Area	YES	0	0	2	0
Land use Zone 1B	Greater Than 50% Irrigated Agricultural Land	4	4	4	4
Total Potential Contaminant Source / Land Use Score - Zone 1B		16	16	18	12
Potential Contaminant / Land Use - ZONE II					
Contaminant Sources Present	YES	2	2	2	
Sources of Class II or III leacheable contaminants or	YES	1	1	1	
Land Use Zone II	Less than 25% Agricultural Land	0	0	0	
Potential Contaminant Source / Land Use Score - Zone II		3	3	3	0
Potential Contaminant / Land Use - ZONE III					
Contaminant Source Present	YES	1	1	1	
Sources of Class II or III leacheable contaminants or	YES	1	1	1	
Is there irrigated agricultural lands that occupy > 50% of	NO	0	0	0	
Total Potential Contaminant Source / Land Use Score - Zone III		2	2	2	0
Cumulative Potential Contaminant / Land Use Score		25	23	27	14
4. Final Susceptibility Source Score		14	14	14	14
5. Final Well Ranking		High	High	High	High

Ground Water Susceptibility Report Public Water System Name : IDAHO FALLS CITY OF Well# : S CAPITAL #3

Public Water System Number 7100039 06/22/2001 8:24:36 AM

1. System Construction		SCORE				
Drill Date		01/01/1937				
Driller Log Available		NO				
Sanitary Survey (if yes, indicate date of last survey)		YES	1995			
Well meets IDWR construction standards		NO	1			
Wellhead and surface seal maintained		YES	0			
Casing and annular seal extend to low permeability unit		NO	1			
Highest production 100 feet below static water level		NO	1			
Well located outside the 100 year flood plain		YES	0			
	Total System Construction Score		3			
2. Hydrologic Sensitivity						
Soils are poorly to moderately drained		NO	2			
Vadose zone composed of gravel, fractured rock or unknown		YES	1			
Depth to first water > 300 feet		NO	1			
Aquitard present with > 50 feet cumulative thickness		NO	2			
	Total Hydrologic Score		6			
3. Potential Contaminant / Land Use - ZONE 1A			IOC Score	VOC Score	SOC Score	Microbial Score
Land Use Zone 1A		IRRIGATED CROPLAND	2	2	2	2
Farm chemical use high		YES	2	0	2	
IOC, VOC, SOC, or Microbial sources in Zone 1A		NO	NO	NO	NO	NO
	Total Potential Contaminant Source/Land Use Score - Zone 1A		4	2	4	2
Potential Contaminant / Land Use - ZONE 1B						
Contaminant sources present (Number of Sources)		YES	155	254	225	27
(Score = # Sources X 2) 8 Points Maximum			8	8	8	8
Sources of Class II or III leacheable contaminants or		YES	19	53	17	
4 Points Maximum			4	4	4	
Zone 1B contains or intercepts a Group 1 Area		YES	0	0	2	0
Land use Zone 1B	Greater Than 50% Irrigated Agricultural Land		4	4	4	4
	Total Potential Contaminant Source / Land Use Score - Zone 1B		16	16	18	12
Potential Contaminant / Land Use - ZONE II						
Contaminant Sources Present		YES	2	2	2	
Sources of Class II or III leacheable contaminants or		YES	1	1	1	
Land Use Zone II	Less than 25% Agricultural Land		0	0	0	
	Potential Contaminant Source / Land Use Score - Zone II		3	3	3	0
Potential Contaminant / Land Use - ZONE III						
Contaminant Source Present		YES	1	1	1	
Sources of Class II or III leacheable contaminants or		YES	1	1	1	
Is there irrigated agricultural lands that occupy > 50% of		NO	0	0	0	
	Total Potential Contaminant Source / Land Use Score - Zone III		2	2	2	0
Cumulative Potential Contaminant / Land Use Score			25	23	27	14
4. Final Susceptibility Source Score			14	14	14	14
5. Final Well Ranking			High	High	High	High

Ground Water Susceptibility Report Public Water System Name : IDAHO FALLS CITY OF Well# : CLEVELAND #4

Public Water System Number 7100039 06/22/2001 8:22:42 AM

1. System Construction		SCORE				
Drill Date		01/01/1948				
Driller Log Available		NO				
Sanitary Survey (if yes, indicate date of last survey)		YES	1995			
Well meets IDWR construction standards		NO	1			
Wellhead and surface seal maintained		YES	0			
Casing and annular seal extend to low permeability unit		NO	1			
Highest production 100 feet below static water level		YES	0			
Well located outside the 100 year flood plain		YES	0			
	Total System Construction Score		2			
2. Hydrologic Sensitivity						
Soils are poorly to moderately drained		NO	2			
Vadose zone composed of gravel, fractured rock or unknown		YES	1			
Depth to first water > 300 feet		NO	0			
Aquitard present with > 50 feet cumulative thickness		YES	0			
	Total Hydrologic Score		3			
3. Potential Contaminant / Land Use - ZONE 1A			IOC Score	VOC Score	SOC Score	Microbial Score
Land Use Zone 1A	IRRIGATED CROPLAND		2	2	2	2
Farm chemical use high		YES	2	0	2	
IOC, VOC, SOC, or Microbial sources in Zone 1A		NO	NO	NO	NO	NO
	Total Potential Contaminant Source/Land Use Score - Zone 1A		4	2	4	2
Potential Contaminant / Land Use - ZONE 1B						
Contaminant sources present (Number of Sources)		YES	77	105	102	23
(Score = # Sources X 2) 8 Points Maximum			8	8	8	8
Sources of Class II or III leacheable contaminants or		YES	12	27	11	
4 Points Maximum			4	4	4	
Zone 1B contains or intercepts a Group 1 Area		YES	0	0	2	0
Land use Zone 1B	Greater Than 50% Irrigated Agricultural Land		4	4	4	4
	Total Potential Contaminant Source / Land Use Score - Zone 1B		16	16	18	12
Potential Contaminant / Land Use - ZONE II						
Contaminant Sources Present		YES	2	2	2	
Sources of Class II or III leacheable contaminants or		YES	1	1	1	
Land Use Zone II			0	0	0	
	Potential Contaminant Source / Land Use Score - Zone II		3	3	3	0
Potential Contaminant / Land Use - ZONE III						
Contaminant Source Present		YES	1	1	1	
Sources of Class II or III leacheable contaminants or		YES	1	1	1	
Is there irrigated agricultural lands that occupy > 50% of		NO	0	0	0	
	Total Potential Contaminant Source / Land Use Score - Zone III		2	2	2	0
Cumulative Potential Contaminant / Land Use Score			25	23	27	14
4. Final Susceptibility Source Score			10	10	10	10
5. Final Well Ranking			Moderate	Moderate	Moderate	Moderate

Ground Water Susceptibility Report Public Water System Name : IDAHO FALLS CITY OF Well# : W 21 ST #5

Public Water System Number 7100039 06/22/2001 8:25:20 AM

1. System Construction		SCORE				
Drill Date		01/01/1950				
Driller Log Available		NO				
Sanitary Survey (if yes, indicate date of last survey)		YES	1995			
Well meets IDWR construction standards		NO	1			
Wellhead and surface seal maintained		YES	0			
Casing and annular seal extend to low permeability unit		NO	1			
Highest production 100 feet below static water level		NO	1			
Well located outside the 100 year flood plain		YES	0			
	Total System Construction Score		3			
2. Hydrologic Sensitivity						
Soils are poorly to moderately drained		NO	2			
Vadose zone composed of gravel, fractured rock or unknown		YES	1			
Depth to first water > 300 feet		NO	1			
Aquitard present with > 50 feet cumulative thickness		NO	2			
	Total Hydrologic Score		6			
3. Potential Contaminant / Land Use - ZONE 1A			IOC Score	VOC Score	SOC Score	Microbial Score
Land Use Zone 1A	IRRIGATED CROPLAND		2	2	2	2
Farm chemical use high		YES	2	0	2	
IOC, VOC, SOC, or Microbial sources in Zone 1A		NO	NO	NO	NO	NO
	Total Potential Contaminant Source/Land Use Score - Zone 1A		4	2	4	2
Potential Contaminant / Land Use - ZONE 1B						
Contaminant sources present (Number of Sources)		YES	81	108	97	222
(Score = # Sources X 2) 8 Points Maximum			8	8	8	8
Sources of Class II or III leacheable contaminants or		YES	18	29	17	
4 Points Maximum			4	4	4	
Zone 1B contains or intercepts a Group 1 Area		YES	0	0	2	0
Land use Zone 1B	Greater Than 50% Irrigated Agricultural Land		4	4	4	4
	Total Potential Contaminant Source / Land Use Score - Zone 1B		16	16	18	12
Potential Contaminant / Land Use - ZONE II						
Contaminant Sources Present		YES	2	2	2	
Sources of Class II or III leacheable contaminants or		YES	1	1	1	
Land Use Zone II	Greater Than 50% Irrigated Agricultural Land		2	2	2	
	Potential Contaminant Source / Land Use Score - Zone II		5	5	5	0
Potential Contaminant / Land Use - ZONE III						
Contaminant Source Present		YES	1	1	1	
Sources of Class II or III leacheable contaminants or		YES	1	1	1	
Is there irrigated agricultural lands that occupy > 50% of		NO	0	0	0	
	Total Potential Contaminant Source / Land Use Score - Zone III		2	2	2	0
Cumulative Potential Contaminant / Land Use Score			27	25	29	14
4. Final Susceptibility Source Score			14	14	15	14
5. Final Well Ranking			High	High	High	High

Ground Water Susceptibility Report Public Water System Name : IDAHO FALLS CITY OF Well# : N SKYLINE #6

Public Water System Number 7100039 06/22/2001 8:24:05 AM

1. System Construction		SCORE				
Drill Date	01/01/1954					
Driller Log Available	NO					
Sanitary Survey (if yes, indicate date of last survey)	YES	1995				
Well meets IDWR construction standards	NO	1				
Wellhead and surface seal maintained	YES	0				
Casing and annular seal extend to low permeability unit	NO	1				
Highest production 100 feet below static water level	YES	0				
Well located outside the 100 year flood plain	YES	0				
Total System Construction Score		2				
2. Hydrologic Sensitivity						
Soils are poorly to moderately drained	NO	2				
Vadose zone composed of gravel, fractured rock or unknown	YES	1				
Depth to first water > 300 feet	NO	1				
Aquitard present with > 50 feet cumulative thickness	YES	0				
Total Hydrologic Score		4				
3. Potential Contaminant / Land Use - ZONE 1A			IOC Score	VOC Score	SOC Score	Microbial Score
Land Use Zone 1A	IRRIGATED CROPLAND		2	2	2	2
Farm chemical use high	YES		2	0	2	
IOC, VOC, SOC, or Microbial sources in Zone 1A	NO		NO	NO	NO	NO
Total Potential Contaminant Source/Land Use Score - Zone 1A			4	2	4	2
Potential Contaminant / Land Use - ZONE 1B						
Contaminant sources present (Number of Sources)	YES		14	17	19	8
(Score = # Sources X 2) 8 Points Maximum			8	8	8	8
Sources of Class II or III leacheable contaminants or	YES		7	6	5	
4 Points Maximum			4	4	4	
Zone 1B contains or intercepts a Group 1 Area	YES		0	0	2	0
Land use Zone 1B	Less Than 25% Agricultural Land		0	0	0	0
Total Potential Contaminant Source / Land Use Score - Zone 1B			12	12	14	8
Potential Contaminant / Land Use - ZONE II						
Contaminant Sources Present	YES		2	2	2	
Sources of Class II or III leacheable contaminants or	YES		1	1	1	
Land Use Zone II			0	0	0	
Potential Contaminant Source / Land Use Score - Zone II			3	3	3	0
Potential Contaminant / Land Use - ZONE III						
Contaminant Source Present	YES		1	1	1	
Sources of Class II or III leacheable contaminants or	YES		1	1	1	
Is there irrigated agricultural lands that occupy > 50% of	NO		0	0	0	
Total Potential Contaminant Source / Land Use Score - Zone III			2	2	2	0
Cumulative Potential Contaminant / Land Use Score			21	19	23	10
4. Final Susceptibility Source Score			10	10	11	10
5. Final Well Ranking			Moderate	Moderate	Moderate	Moderate

Ground Water Susceptibility Report Public Water System Name : IDAHO FALLS CITY OF Well# : 1 ST #7

Public Water System Number 7100039 06/22/2001 8:21:17 AM

1. System Construction		SCORE				
Drill Date		01/01/1957				
Driller Log Available		NO				
Sanitary Survey (if yes, indicate date of last survey)		YES	1995			
Well meets IDWR construction standards		NO	1			
Wellhead and surface seal maintained		YES	0			
Casing and annular seal extend to low permeability unit		NO	1			
Highest production 100 feet below static water level		YES	0			
Well located outside the 100 year flood plain		YES	0			
	Total System Construction Score		2			
2. Hydrologic Sensitivity						
Soils are poorly to moderately drained		NO	2			
Vadose zone composed of gravel, fractured rock or unknown		YES	1			
Depth to first water > 300 feet		NO	1			
Aquitard present with > 50 feet cumulative thickness		NO	0			
	Total Hydrologic Score		4			
3. Potential Contaminant / Land Use - ZONE 1A			IOC Score	VOC Score	SOC Score	Microbial Score
Land Use Zone 1A	IRRIGATED CROPLAND		2	2	2	2
Farm chemical use high		YES	2	0	2	
IOC, VOC, SOC, or Microbial sources in Zone 1A		NO	NO	NO	NO	NO
	Total Potential Contaminant Source/Land Use Score - Zone 1A		4	2	4	2
Potential Contaminant / Land Use - ZONE 1B						
Contaminant sources present (Number of Sources)		YES	29	19	24	14
(Score = # Sources X 2) 8 Points Maximum			8	8	8	8
Sources of Class II or III leacheable contaminants or		YES	15	8	14	
4 Points Maximum			4	4	4	
Zone 1B contains or intercepts a Group 1 Area		YES	0	0	2	0
Land use Zone 1B	Greater Than 50% Irrigated Agricultural Land		4	4	4	4
	Total Potential Contaminant Source / Land Use Score - Zone 1B		16	16	18	12
Potential Contaminant / Land Use - ZONE II						
Contaminant Sources Present		YES	2	2	2	
Sources of Class II or III leacheable contaminants or		YES	1	1	1	
Land Use Zone II			0	0	0	
	Potential Contaminant Source / Land Use Score - Zone II		3	3	3	0
Potential Contaminant / Land Use - ZONE III						
Contaminant Source Present		YES	1	1	1	
Sources of Class II or III leacheable contaminants or		YES	1	1	1	
Is there irrigated agricultural lands that occupy > 50% of		NO	0	0	0	
	Total Potential Contaminant Source / Land Use Score - Zone III		2	2	2	0
Cumulative Potential Contaminant / Land Use Score			25	23	27	14
4. Final Susceptibility Source Score			11	11	11	11
5. Final Well Ranking			Moderate	Moderate	Moderate	Moderate

Ground Water Susceptibility Report Public Water System Name : IDAHO FALLS CITY OF Well# : 1475 9TH ST #8

Public Water System Number 7100039 06/22/2001 8:21:34 AM

1. System Construction		SCORE				
Drill Date		01/01/1959				
Driller Log Available		NO				
Sanitary Survey (if yes, indicate date of last survey)		YES	1995			
Well meets IDWR construction standards		NO	1			
Wellhead and surface seal maintained		YES	0			
Casing and annular seal extend to low permeability unit		NO	1			
Highest production 100 feet below static water level		YES	0			
Well located outside the 100 year flood plain		YES	0			
	Total System Construction Score		2			
2. Hydrologic Sensitivity						
Soils are poorly to moderately drained		NO	2			
Vadose zone composed of gravel, fractured rock or unknown		YES	1			
Depth to first water > 300 feet		NO	1			
Aquitard present with > 50 feet cumulative thickness		YES	0			
	Total Hydrologic Score		4			
3. Potential Contaminant / Land Use - ZONE 1A			IOC Score	VOC Score	SOC Score	Microbial Score
Land Use Zone 1A	IRRIGATED CROPLAND		2	2	2	2
Farm chemical use high		YES	2	0	2	
IOC, VOC, SOC, or Microbial sources in Zone 1A		NO	NO	NO	NO	NO
	Total Potential Contaminant Source/Land Use Score - Zone 1A		4	2	4	2
Potential Contaminant / Land Use - ZONE 1B						
Contaminant sources present (Number of Sources)		YES	47	37	42	20
(Score = # Sources X 2) 8 Points Maximum			8	8	8	8
Sources of Class II or III leacheable contaminants or		YES	18	15	14	
4 Points Maximum			4	4	4	
Zone 1B contains or intercepts a Group 1 Area		YES	0	0	2	0
Land use Zone 1B	Greater Than 50% Irrigated Agricultural Land		4	4	4	4
	Total Potential Contaminant Source / Land Use Score - Zone 1B		16	16	18	12
Potential Contaminant / Land Use - ZONE II						
Contaminant Sources Present		YES	2	2	2	
Sources of Class II or III leacheable contaminants or		YES	1	1	1	
Land Use Zone II			0	0	0	
	Potential Contaminant Source / Land Use Score - Zone II		3	3	3	0
Potential Contaminant / Land Use - ZONE III						
Contaminant Source Present		YES	1	1	1	
Sources of Class II or III leacheable contaminants or		YES	1	1	1	
Is there irrigated agricultural lands that occupy > 50% of		NO	0	0	0	
	Total Potential Contaminant Source / Land Use Score - Zone III		2	2	2	0
Cumulative Potential Contaminant / Land Use Score			25	23	27	14
4. Final Susceptibility Source Score			11	11	11	11
5. Final Well Ranking			Moderate	Moderate	Moderate	Moderate

Ground Water Susceptibility Report Public Water System Name : IDAHO FALLS CITY OF Well# : SE BONN #9

Public Water System Number 7100039 06/22/2001 8:25:06 AM

1. System Construction		SCORE				
Drill Date		05/26/1967				
Driller Log Available		YES				
Sanitary Survey (if yes, indicate date of last survey)		YES	1995			
Well meets IDWR construction standards		NO	1			
Wellhead and surface seal maintained		YES	0			
Casing and annular seal extend to low permeability unit		NO	1			
Highest production 100 feet below static water level		YES	0			
Well located outside the 100 year flood plain		YES	0			
	Total System Construction Score		2			
2. Hydrologic Sensitivity						
Soils are poorly to moderately drained		NO	2			
Vadose zone composed of gravel, fractured rock or unknown		YES	1			
Depth to first water > 300 feet		NO	0			
Aquitard present with > 50 feet cumulative thickness		NO	2			
	Total Hydrologic Score		5			
3. Potential Contaminant / Land Use - ZONE 1A			IOC Score	VOC Score	SOC Score	Microbial Score
Land Use Zone 1A	IRRIGATED CROPLAND		2	2	2	2
Farm chemical use high		YES	2	0	2	
IOC, VOC, SOC, or Microbial sources in Zone 1A		NO	NO	NO	NO	NO
	Total Potential Contaminant Source/Land Use Score - Zone 1A		4	2	4	2
Potential Contaminant / Land Use - ZONE 1B						
Contaminant sources present (Number of Sources)		YES	57	49	54	28
(Score = # Sources X 2) 8 Points Maximum			8	8	8	8
Sources of Class II or III leacheable contaminants or		YES	17	15	15	
4 Points Maximum			4	4	4	
Zone 1B contains or intercepts a Group 1 Area		YES	0	0	2	0
Land use Zone 1B	Greater Than 50% Irrigated Agricultural Land		4	4	4	4
	Total Potential Contaminant Source / Land Use Score - Zone 1B		16	16	18	12
Potential Contaminant / Land Use - ZONE II						
Contaminant Sources Present		YES	2	2	2	
Sources of Class II or III leacheable contaminants or		YES	1	1	1	
Land Use Zone II			0	0	0	
	Potential Contaminant Source / Land Use Score - Zone II		3	3	3	0
Potential Contaminant / Land Use - ZONE III						
Contaminant Source Present		YES	1	1	1	
Sources of Class II or III leacheable contaminants or		YES	1	1	1	
Is there irrigated agricultural lands that occupy > 50% of		NO	0	0	0	
	Total Potential Contaminant Source / Land Use Score - Zone III		2	2	2	0
Cumulative Potential Contaminant / Land Use Score			25	23	27	14
4. Final Susceptibility Source Score			12	12	12	12
5. Final Well Ranking			Moderate	Moderate	Moderate	Moderate

Ground Water Susceptibility Report Public Water System Name : IDAHO FALLS CITY OF Well# : SE BONN #10

Public Water System Number 7100039 06/22/2001 8:24:51 AM

1. System Construction		SCORE				
Drill Date	02/09/1964					
Driller Log Available	YES					
Sanitary Survey (if yes, indicate date of last survey)	YES	1995				
Well meets IDWR construction standards	NO	1				
Wellhead and surface seal maintained	YES	0				
Casing and annular seal extend to low permeability unit	NO	1				
Highest production 100 feet below static water level	YES	0				
Well located outside the 100 year flood plain	YES	0				
Total System Construction Score		2				
2. Hydrologic Sensitivity						
Soils are poorly to moderately drained	NO	2				
Vadose zone composed of gravel, fractured rock or unknown	YES	1				
Depth to first water > 300 feet	NO	1				
Aquitard present with > 50 feet cumulative thickness	NO	2				
Total Hydrologic Score		6				
3. Potential Contaminant / Land Use - ZONE 1A		IOC Score	VOC Score	SOC Score	Microbial Score	
Land Use Zone 1A	IRRIGATED CROPLAND	2	2	2	2	
Farm chemical use high	YES	2	0	2		
IOC, VOC, SOC, or Microbial sources in Zone 1A	NO	NO	NO	NO	NO	
Total Potential Contaminant Source/Land Use Score - Zone 1A		4	2	4	2	
Potential Contaminant / Land Use - ZONE 1B						
Contaminant sources present (Number of Sources)	YES	56	48	53	27	
(Score = # Sources X 2) 8 Points Maximum		8	8	8	8	
Sources of Class II or III leacheable contaminants or	YES	17	150	15		
4 Points Maximum		4	4	4		
Zone 1B contains or intercepts a Group 1 Area	YES	0	0	2	0	
Land use Zone 1B	Greater Than 50% Irrigated Agricultural Land	4	4	4	4	
Total Potential Contaminant Source / Land Use Score - Zone 1B		16	16	18	12	
Potential Contaminant / Land Use - ZONE II						
Contaminant Sources Present	YES	2	2	2		
Sources of Class II or III leacheable contaminants or	YES	1	1	1		
Land Use Zone II		0	0	0		
Potential Contaminant Source / Land Use Score - Zone II		3	3	3	0	
Potential Contaminant / Land Use - ZONE III						
Contaminant Source Present	YES	1	1	1		
Sources of Class II or III leacheable contaminants or	YES	1	1	1		
Is there irrigated agricultural lands that occupy > 50% of	NO	0	0	0		
Total Potential Contaminant Source / Land Use Score - Zone III		2	2	2	0	
Cumulative Potential Contaminant / Land Use Score		25	23	27	14	
4. Final Susceptibility Source Score		13	13	13	13	
5. Final Well Ranking		High	High	High	High	

Ground Water Susceptibility Report Public Water System Name : IDAHO FALLS CITY OF Well# : DALE DR #11

Public Water System Number 7100039 06/22/2001 8:22:58 AM

1. System Construction		SCORE				
Drill Date	08/25/1965					
Driller Log Available	YES					
Sanitary Survey (if yes, indicate date of last survey)	YES	1995				
Well meets IDWR construction standards	NO	1				
Wellhead and surface seal maintained	YES	0				
Casing and annular seal extend to low permeability unit	NO	0				
Highest production 100 feet below static water level	YES	0				
Well located outside the 100 year flood plain	YES	0				
Total System Construction Score		1				
2. Hydrologic Sensitivity						
Soils are poorly to moderately drained	NO	2				
Vadose zone composed of gravel, fractured rock or unknown	YES	1				
Depth to first water > 300 feet	NO	1				
Aquitard present with > 50 feet cumulative thickness	NO	2				
Total Hydrologic Score		6				
3. Potential Contaminant / Land Use - ZONE 1A		IOC Score	VOC Score	SOC Score	Microbial Score	
Land Use Zone 1A	IRRIGATED CROPLAND	2	2	2	2	
Farm chemical use high	YES	2	0	2		
IOC, VOC, SOC, or Microbial sources in Zone 1A	NO	NO	NO	NO	NO	
Total Potential Contaminant Source/Land Use Score - Zone 1A		4	2	4	2	
Potential Contaminant / Land Use - ZONE 1B						
Contaminant sources present (Number of Sources)	YES	29	39	40	18	
(Score = # Sources X 2) 8 Points Maximum		8	8	8	8	
Sources of Class II or III leacheable contaminants or	YES	5	9	6		
4 Points Maximum		4	4	4		
Zone 1B contains or intercepts a Group 1 Area	YES	0	0	2	0	
Land use Zone 1B	Less Than 25% Agricultural Land	0	0	0	0	
Total Potential Contaminant Source / Land Use Score - Zone 1B		12	12	14	8	
Potential Contaminant / Land Use - ZONE II						
Contaminant Sources Present	YES	2	2	2		
Sources of Class II or III leacheable contaminants or	YES	1	1	1		
Land Use Zone II		0	0	0		
Potential Contaminant Source / Land Use Score - Zone II		3	3	3	0	
Potential Contaminant / Land Use - ZONE III						
Contaminant Source Present	YES	1	1	1		
Sources of Class II or III leacheable contaminants or	YES	1	1	1		
Is there irrigated agricultural lands that occupy > 50% of	NO	0	0	0		
Total Potential Contaminant Source / Land Use Score - Zone III		2	2	2	0	
Cumulative Potential Contaminant / Land Use Score		21	19	23	10	
4. Final Susceptibility Source Score		11	11	12	11	
5. Final Well Ranking		Moderate	Moderate	Moderate	Moderate	

Ground Water Susceptibility Report Public Water System Name : IDAHO FALLS CITY OF Well# : N HOLMES #12

Public Water System Number 7100039 06/22/2001 8:23:51 AM

1. System Construction		SCORE				
Drill Date		01/01/1971				
Driller Log Available		NO				
Sanitary Survey (if yes, indicate date of last survey)		YES	1995			
Well meets IDWR construction standards		NO	1			
Wellhead and surface seal maintained		YES	0			
Casing and annular seal extend to low permeability unit		NO	2			
Highest production 100 feet below static water level		YES	0			
Well located outside the 100 year flood plain		YES	0			
	Total System Construction Score		3			
2. Hydrologic Sensitivity						
Soils are poorly to moderately drained		NO	2			
Vadose zone composed of gravel, fractured rock or unknown		YES	1			
Depth to first water > 300 feet		NO	1			
Aquitard present with > 50 feet cumulative thickness		NO	0			
	Total Hydrologic Score		4			
3. Potential Contaminant / Land Use - ZONE 1A			IOC Score	VOC Score	SOC Score	Microbial Score
Land Use Zone 1A	IRRIGATED CROPLAND		2	2	2	2
Farm chemical use high		YES	2	0	2	
IOC, VOC, SOC, or Microbial sources in Zone 1A		NO	NO	NO	NO	NO
	Total Potential Contaminant Source/Land Use Score - Zone 1A		4	2	4	2
Potential Contaminant / Land Use - ZONE 1B						
Contaminant sources present (Number of Sources)		YES	30	25	28	11
(Score = # Sources X 2) 8 Points Maximum			8	8	8	8
Sources of Class II or III leacheable contaminants or		YES	7	5	6	
4 Points Maximum			4	4	4	
Zone 1B contains or intercepts a Group 1 Area		YES	0	0	2	0
Land use Zone 1B	Greater Than 50% Irrigated Agricultural Land		4	4	4	4
	Total Potential Contaminant Source / Land Use Score - Zone 1B		16	16	18	12
Potential Contaminant / Land Use - ZONE II						
Contaminant Sources Present		YES	2	2	2	
Sources of Class II or III leacheable contaminants or		YES	1	1	1	
Land Use Zone II	Less than 25% Agricultural Land		0	0	0	
	Potential Contaminant Source / Land Use Score - Zone II		3	3	3	0
Potential Contaminant / Land Use - ZONE III						
Contaminant Source Present		YES	1	1	1	
Sources of Class II or III leacheable contaminants or		YES	1	1	1	
Is there irrigated agricultural lands that occupy > 50% of		NO	0	0	0	
	Total Potential Contaminant Source / Land Use Score - Zone III		2	2	2	0
Cumulative Potential Contaminant / Land Use Score			25	23	27	14
4. Final Susceptibility Source Score			12	12	12	12
5. Final Well Ranking			Moderate	Moderate	Moderate	Moderate

Ground Water Susceptibility Report Public Water System Name : IDAHO FALLS CITY OF Well# : N WOODRUFF #13

Public Water System Number 7100039 06/22/2001 8:24:21 AM

1. System Construction		SCORE				
Drill Date		05/05/1975				
Driller Log Available		YES				
Sanitary Survey (if yes, indicate date of last survey)		YES	1995			
Well meets IDWR construction standards		NO	1			
Wellhead and surface seal maintained		YES	0			
Casing and annular seal extend to low permeability unit		NO	1			
Highest production 100 feet below static water level		NO	1			
Well located outside the 100 year flood plain		YES	0			
	Total System Construction Score		3			
2. Hydrologic Sensitivity						
Soils are poorly to moderately drained		NO	2			
Vadose zone composed of gravel, fractured rock or unknown		YES	1			
Depth to first water > 300 feet		NO	1			
Aquitard present with > 50 feet cumulative thickness		NO	2			
	Total Hydrologic Score		6			
3. Potential Contaminant / Land Use - ZONE 1A			IOC Score	VOC Score	SOC Score	Microbial Score
Land Use Zone 1A	IRRIGATED CROPLAND		2	2	2	2
Farm chemical use high		YES	2	0	2	
IOC, VOC, SOC, or Microbial sources in Zone 1A		NO	NO	NO	NO	NO
	Total Potential Contaminant Source/Land Use Score - Zone 1A		4	2	4	2
Potential Contaminant / Land Use - ZONE 1B						
Contaminant sources present (Number of Sources)		YES	46	45	49	14
(Score = # Sources X 2) 8 Points Maximum			8	8	8	8
Sources of Class II or III leacheable contaminants or		YES	12	11	11	
4 Points Maximum			4	4	4	
Zone 1B contains or intercepts a Group 1 Area		YES	0	0	2	0
Land use Zone 1B	Greater Than 50% Irrigated Agricultural Land		4	4	4	4
	Total Potential Contaminant Source / Land Use Score - Zone 1B		16	16	18	12
Potential Contaminant / Land Use - ZONE II						
Contaminant Sources Present		YES	2	2	2	
Sources of Class II or III leacheable contaminants or		YES	1	1	1	
Land Use Zone II			0	0	0	
	Potential Contaminant Source / Land Use Score - Zone II		3	3	3	0
Potential Contaminant / Land Use - ZONE III						
Contaminant Source Present		YES	1	1	1	
Sources of Class II or III leacheable contaminants or		YES	1	1	1	
Is there irrigated agricultural lands that occupy > 50% of		NO	0	0	0	
	Total Potential Contaminant Source / Land Use Score - Zone III		2	2	2	0
Cumulative Potential Contaminant / Land Use Score			25	23	27	14
4. Final Susceptibility Source Score			14	14	14	14
5. Final Well Ranking			High	High	High	High

Ground Water Susceptibility Report Public Water System Name : IDAHO FALLS CITY OF Well# : DALE DR #14

Public Water System Number 7100039 06/22/2001 8:23:15 AM

1. System Construction		SCORE				
Drill Date		12/29/1978				
Driller Log Available		YES				
Sanitary Survey (if yes, indicate date of last survey)		YES	1995			
Well meets IDWR construction standards		NO	1			
Wellhead and surface seal maintained		YES	0			
Casing and annular seal extend to low permeability unit		NO	0			
Highest production 100 feet below static water level		NO	1			
Well located outside the 100 year flood plain		YES	0			
	Total System Construction Score		2			
2. Hydrologic Sensitivity						
Soils are poorly to moderately drained		NO	2			
Vadose zone composed of gravel, fractured rock or unknown		YES	1			
Depth to first water > 300 feet		NO	1			
Aquitard present with > 50 feet cumulative thickness		NO	2			
	Total Hydrologic Score		6			
3. Potential Contaminant / Land Use - ZONE 1A			IOC Score	VOC Score	SOC Score	Microbial Score
Land Use Zone 1A	IRRIGATED CROPLAND		2	2	2	2
Farm chemical use high		YES	2	0	2	
IOC, VOC, SOC, or Microbial sources in Zone 1A		NO	NO	NO	NO	NO
	Total Potential Contaminant Source/Land Use Score - Zone 1A		4	2	4	2
Potential Contaminant / Land Use - ZONE 1B						
Contaminant sources present (Number of Sources)		YES	28	33	34	14
(Score = # Sources X 2) 8 Points Maximum			8	8	8	8
Sources of Class II or III leacheable contaminants or		YES	6	7	6	
4 Points Maximum			4	4	4	
Zone 1B contains or intercepts a Group 1 Area		YES	0	0	2	0
Land use Zone 1B	Greater Than 50% Irrigated Agricultural Land		4	4	4	4
	Total Potential Contaminant Source / Land Use Score - Zone 1B		16	16	18	12
Potential Contaminant / Land Use - ZONE II						
Contaminant Sources Present		YES	2	2	2	
Sources of Class II or III leacheable contaminants or		YES	1	1	1	
Land Use Zone II			0	0	0	
	Potential Contaminant Source / Land Use Score - Zone II		3	3	3	0
Potential Contaminant / Land Use - ZONE III						
Contaminant Source Present		YES	1	1	1	
Sources of Class II or III leacheable contaminants or		YES	1	1	1	
Is there irrigated agricultural lands that occupy > 50% of		NO	0	0	0	
	Total Potential Contaminant Source / Land Use Score - Zone III		2	2	2	0
Cumulative Potential Contaminant / Land Use Score			25	23	27	14
4. Final Susceptibility Source Score			13	13	13	13
5. Final Well Ranking			High	High	High	High

Ground Water Susceptibility Report Public Water System Name : IDAHO FALLS CITY OF Well# : HOOPES #15

Public Water System Number 7100039 06/22/2001 8:23:34 AM

1. System Construction		SCORE				
Drill Date		09/01/1983				
Driller Log Available		YES				
Sanitary Survey (if yes, indicate date of last survey)		YES	1995			
Well meets IDWR construction standards		NO	1			
Wellhead and surface seal maintained		YES	0			
Casing and annular seal extend to low permeability unit		YES	0			
Highest production 100 feet below static water level		YES	0			
Well located outside the 100 year flood plain		YES	0			
	Total System Construction Score		1			
2. Hydrologic Sensitivity						
Soils are poorly to moderately drained		NO	2			
Vadose zone composed of gravel, fractured rock or unknown		YES	1			
Depth to first water > 300 feet		NO	1			
Aquitard present with > 50 feet cumulative thickness		YES	0			
	Total Hydrologic Score		4			
3. Potential Contaminant / Land Use - ZONE 1A			IOC Score	VOC Score	SOC Score	Microbial Score
Land Use Zone 1A		IRRIGATED CROPLAND	2	2	2	2
Farm chemical use high		YES	2	0	2	
IOC, VOC, SOC, or Microbial sources in Zone 1A		NO	NO	NO	NO	NO
	Total Potential Contaminant Source/Land Use Score - Zone 1A		4	2	4	2
Potential Contaminant / Land Use - ZONE 1B						
Contaminant sources present (Number of Sources)		YES	45	42	46	18
(Score = # Sources X 2) 8 Points Maximum			8	8	8	8
Sources of Class II or III leacheable contaminants or		YES	16	15	15	
4 Points Maximum			4	4	4	
Zone 1B contains or intercepts a Group 1 Area		YES	0	0	2	0
Land use Zone 1B	Greater Than 50% Irrigated Agricultural Land		4	4	4	4
	Total Potential Contaminant Source / Land Use Score - Zone 1B		16	16	18	12
Potential Contaminant / Land Use - ZONE II						
Contaminant Sources Present		YES	2	2	2	
Sources of Class II or III leacheable contaminants or		YES	1	1	1	
Land Use Zone II			0	0	0	
	Potential Contaminant Source / Land Use Score - Zone II		3	3	3	0
Potential Contaminant / Land Use - ZONE III						
Contaminant Source Present		YES	1	1	1	
Sources of Class II or III leacheable contaminants or		YES	1	1	1	
Is there irrigated agricultural lands that occupy > 50% of		NO	0	0	0	
	Total Potential Contaminant Source / Land Use Score - Zone III		2	2	2	0
Cumulative Potential Contaminant / Land Use Score			25	23	27	14
4. Final Susceptibility Source Score			10	10	10	10
5. Final Well Ranking			Moderate	Moderate	Moderate	Moderate

Ground Water Susceptibility Report Public Water System Name : IDAHO FALLS CITY OF Well# : BUTTE RD #16

Public Water System Number 7100039 06/22/2001 8:22:24 AM

1. System Construction		SCORE				
Drill Date	03/29/1990					
Driller Log Available	YES					
Sanitary Survey (if yes, indicate date of last survey)	YES	1995				
Well meets IDWR construction standards	NO	1				
Wellhead and surface seal maintained	YES	0				
Casing and annular seal extend to low permeability unit	YES	0				
Highest production 100 feet below static water level	YES	0				
Well located outside the 100 year flood plain	YES	0				
Total System Construction Score		1				
2. Hydrologic Sensitivity						
Soils are poorly to moderately drained	NO	2				
Vadose zone composed of gravel, fractured rock or unknown	YES	1				
Depth to first water > 300 feet	NO	0				
Aquitard present with > 50 feet cumulative thickness	NO	0				
Total Hydrologic Score		3				
3. Potential Contaminant / Land Use - ZONE 1A		IOC Score	VOC Score	SOC Score	Microbial Score	
Land Use Zone 1A	IRRIGATED CROPLAND	2	2	2	2	
Farm chemical use high	YES	2	0	2		
IOC, VOC, SOC, or Microbial sources in Zone 1A	NO	NO	NO	NO	NO	
Total Potential Contaminant Source/Land Use Score - Zone 1A		4	2	4	2	
Potential Contaminant / Land Use - ZONE 1B						
Contaminant sources present (Number of Sources)	YES	15	25	26	6	
(Score = # Sources X 2) 8 Points Maximum		8	8	8	8	
Sources of Class II or III leacheable contaminants or	YES	4	9	4		
4 Points Maximum		4	4	4		
Zone 1B contains or intercepts a Group 1 Area	YES	0	0	2	0	
Land use Zone 1B	25 to 50% Irrigated Agricultural Land	2	2	2	2	
Total Potential Contaminant Source / Land Use Score - Zone 1B		14	14	16	10	
Potential Contaminant / Land Use - ZONE II						
Contaminant Sources Present	YES	2	2	2		
Sources of Class II or III leacheable contaminants or	YES	1	1	1		
Land Use Zone II		0	0	0		
Potential Contaminant Source / Land Use Score - Zone II		3	3	3	0	
Potential Contaminant / Land Use - ZONE III						
Contaminant Source Present	YES	1	1	1		
Sources of Class II or III leacheable contaminants or	YES	1	1	1		
Is there irrigated agricultural lands that occupy > 50% of	NO	0	0	0		
Total Potential Contaminant Source / Land Use Score - Zone III		2	2	2	0	
Cumulative Potential Contaminant / Land Use Score		23	21	25	12	
4. Final Susceptibility Source Score		9	8	9	8	
5. Final Well Ranking		Moderate	Moderate	Moderate	Moderate	

Ground Water Susceptibility Report Public Water System Name : IDAHO FALLS CITY OF Well# : WELL #17

Public Water System Number 7100039 06/22/2001 8:25:38 AM

1. System Construction		SCORE				
Drill Date		04/03/1991				
Driller Log Available		YES				
Sanitary Survey (if yes, indicate date of last survey)		YES	1995			
Well meets IDWR construction standards		NO	1			
Wellhead and surface seal maintained		YES	0			
Casing and annular seal extend to low permeability unit		YES	0			
Highest production 100 feet below static water level		YES	0			
Well located outside the 100 year flood plain		YES	0			
Total System Construction Score			1			
2. Hydrologic Sensitivity						
Soils are poorly to moderately drained		NO	2			
Vadose zone composed of gravel, fractured rock or unknown		YES	1			
Depth to first water > 300 feet		NO	1			
Aquitard present with > 50 feet cumulative thickness		YES	0			
Total Hydrologic Score			4			
3. Potential Contaminant / Land Use - ZONE 1A			IOC Score	VOC Score	SOC Score	Microbial Score
Land Use Zone 1A	IRRIGATED CROPLAND		2	2	2	2
Farm chemical use high		YES	2	0	2	
IOC, VOC, SOC, or Microbial sources in Zone 1A		NO	NO	NO	NO	NO
Total Potential Contaminant Source/Land Use Score - Zone 1A			4	2	4	2
Potential Contaminant / Land Use - ZONE 1B						
Contaminant sources present (Number of Sources)		YES	20	20	23	11
(Score = # Sources X 2) 8 Points Maximum			8	8	8	8
Sources of Class II or III leacheable contaminants or		YES	9	8	7	
4 Points Maximum			4	4	4	
Zone 1B contains or intercepts a Group 1 Area		YES	0	0	2	0
Land use Zone 1B	Greater Than 50% Irrigated Agricultural Land		4	4	4	4
Total Potential Contaminant Source / Land Use Score - Zone 1B			16	16	18	12
Potential Contaminant / Land Use - ZONE II						
Contaminant Sources Present		YES	2	2	2	
Sources of Class II or III leacheable contaminants or		YES	1	1	1	
Land Use Zone II			0	0	0	
Potential Contaminant Source / Land Use Score - Zone II			3	3	3	0
Potential Contaminant / Land Use - ZONE III						
Contaminant Source Present		YES	1	1	1	
Sources of Class II or III leacheable contaminants or		YES	1	1	1	
Is there irrigated agricultural lands that occupy > 50% of		NO	0	0	0	
Total Potential Contaminant Source / Land Use Score - Zone III			2	2	2	0
Cumulative Potential Contaminant / Land Use Score			25	23	27	14
4. Final Susceptibility Source Score			10	10	10	10
5. Final Well Ranking			Moderate	Moderate	Moderate	Moderate